

## **Listagem dos anexos de cálculo**

Anexo A – Perdas instantâneas de pré-esforço .....	1
Anexo B – Perdas diferidas de pré-esforço .....	17
Anexo C – Valor característico dos esforços longitudinais .....	33
Anexo D – Estado limite de descompressão (Início da exploração) .....	78
Anexo E – Estado limite de descompressão (Longo prazo) .....	93
Anexo F – Estado limite de abertura de fendas (Início da exploração) .....	109
Anexo G – Estado limite de largura de fendas (Longo prazo) .....	125
Anexo H – Estado limite último de flexão do tabuleiro .....	141
Anexo I – Estado limite último de esforço transversal .....	143
Anexo J – Diagramas de esforços da secção transversal do tabuleiro .....	145
Anexo K – Esforços característicos na base dos pilares .....	153
Anexo L – Esforços de cálculo na base dos pilares .....	155
Anexo M – Estado limite de derrubamento dos encontros .....	157
Anexo N – Estado limite de deslizamento dos encontros .....	166
Anexo O – Estado limite de rotura do terreno de fundação dos encontros .....	175
Anexo P – Centro de rigidez do tabuleiro .....	180
Anexo Q – Espectros de resposta do RSA .....	182

### Anexo A – Perdas instantâneas de pré-esforço

<b>Posição (x) [m]</b>	<b>e [m]</b>	<b><math>\sigma_{p0,a}</math> [Mpa]</b>	<b><math>\sigma_{p0,a+rc}</math> [Mpa]</b>	<b><math>P_{0,a+rc}</math> [kN]</b>
<b>0,000</b>	0,000	1046,995	1046,995	19474,104
<b>0,396</b>	-0,100	1049,402	1049,402	19518,875
<b>0,792</b>	-0,197	1051,814	1051,814	19563,748
<b>1,188</b>	-0,291	1054,233	1054,233	19608,726
<b>1,583</b>	-0,382	1056,656	1056,656	19653,807
<b>1,979</b>	-0,471	1059,086	1059,086	19698,991
<b>2,375</b>	-0,556	1061,520	1061,520	19744,280
<b>2,729</b>	-0,629	1063,961	1063,961	19789,672
<b>3,083</b>	-0,701	1066,149	1066,149	19830,375
<b>3,438</b>	-0,770	1068,342	1068,342	19871,161
<b>3,792</b>	-0,836	1070,539	1070,539	19912,031
<b>4,146</b>	-0,900	1072,741	1072,741	19952,986
<b>4,500</b>	-0,962	1074,948	1074,948	19994,024
<b>5,000</b>	-1,045	1077,158	1077,158	20035,147
<b>5,500</b>	-1,124	1080,287	1080,287	20093,347
<b>6,000</b>	-1,197	1083,426	1083,426	20151,716
<b>6,500</b>	-1,266	1086,573	1086,573	20210,255
<b>7,000</b>	-1,330	1089,729	1089,729	20268,964
<b>7,500</b>	-1,390	1092,895	1092,895	20327,843
<b>8,000</b>	-1,445	1096,070	1096,070	20386,893
<b>8,500</b>	-1,494	1099,254	1099,254	20446,115
<b>9,000</b>	-1,540	1102,447	1102,447	20505,509
<b>9,500</b>	-1,580	1105,649	1105,649	20565,075
<b>10,000</b>	-1,616	1108,861	1108,861	20624,815
<b>10,500</b>	-1,646	1112,082	1112,082	20684,728
<b>11,000</b>	-1,673	1115,313	1115,313	20744,815
<b>11,500</b>	-1,694	1118,552	1118,552	20805,076
<b>12,000</b>	-1,711	1121,802	1121,802	20865,513
<b>12,500</b>	-1,722	1125,060	1125,060	20926,125
<b>13,000</b>	-1,730	1128,329	1128,329	20986,913
<b>13,500</b>	-1,732	1131,606	1131,606	21047,878
<b>13,950</b>	-1,731	1134,894	1134,894	21109,020
<b>14,400</b>	-1,727	1137,188	1137,188	21151,703
<b>14,850</b>	-1,721	1139,488	1139,488	21194,473
<b>15,300</b>	-1,712	1141,792	1141,792	21237,329
<b>15,750</b>	-1,701	1144,101	1144,101	21280,272
<b>16,200</b>	-1,687	1146,414	1146,414	21323,301
<b>16,650</b>	-1,670	1148,732	1148,732	21366,418
<b>17,100</b>	-1,651	1151,055	1151,055	21409,622

<b>17,550</b>	-1,630	1153,382	1153,382	21452,913
<b>18,000</b>	-1,606	1155,715	1155,715	21496,292
<b>18,450</b>	-1,580	1158,052	1158,052	21539,758
<b>18,900</b>	-1,551	1160,393	1160,393	21583,312
<b>19,350</b>	-1,519	1162,740	1162,740	21626,955
<b>19,800</b>	-1,485	1165,091	1165,091	21670,685
<b>20,250</b>	-1,449	1167,446	1167,446	21714,504
<b>20,700</b>	-1,409	1169,807	1169,807	21758,412
<b>21,150</b>	-1,368	1172,172	1172,172	21802,408
<b>21,600</b>	-1,324	1174,543	1174,543	21846,494
<b>22,050</b>	-1,277	1176,918	1176,918	21890,668
<b>22,500</b>	-1,228	1179,297	1179,297	21934,932
<b>22,950</b>	-1,176	1181,682	1181,682	21979,285
<b>23,400</b>	-1,122	1184,071	1184,071	22023,729
<b>23,850</b>	-1,065	1186,466	1186,466	22068,261
<b>24,300</b>	-1,006	1188,865	1188,865	22112,884
<b>24,750</b>	-0,945	1191,269	1191,269	22157,598
<b>25,200</b>	-0,880	1193,677	1193,677	22202,401
<b>25,650</b>	-0,813	1196,091	1196,091	22247,295
<b>26,100</b>	-0,744	1198,510	1198,510	22292,280
<b>26,550</b>	-0,672	1200,933	1200,933	22337,356
<b>27,000</b>	-0,598	1203,361	1203,361	22382,523
<b>27,450</b>	-0,521	1205,795	1205,795	22427,782
<b>27,900</b>	-0,442	1208,233	1208,233	22473,132
<b>28,350</b>	-0,360	1210,676	1210,676	22518,573
<b>28,800</b>	-0,275	1213,124	1213,124	22564,107
<b>29,250</b>	-0,189	1215,577	1215,577	22609,732
<b>29,700</b>	-0,099	1218,035	1218,035	22655,450
<b>30,150</b>	-0,007	1220,498	1220,498	22701,260
<b>30,600</b>	0,087	1222,966	1222,966	22747,163
<b>30,890</b>	0,150	1225,439	1225,439	22793,159
<b>31,050</b>	0,184	1227,035	1224,559	22776,794
<b>31,500</b>	0,284	1227,917	1222,088	22730,831
<b>31,854</b>	0,360	1230,399	1216,924	22634,786
<b>32,208</b>	0,430	1235,620	1211,782	22539,149
<b>32,563</b>	0,494	1240,863	1206,662	22443,913
<b>32,917</b>	0,551	1246,129	1201,563	22349,080
<b>33,271</b>	0,603	1251,416	1196,487	22254,650
<b>33,625</b>	0,648	1256,726	1191,431	22160,616
<b>34,021</b>	0,691	1262,059	1185,806	22055,992
<b>34,417</b>	0,726	1268,046	1180,207	21951,859
<b>34,813</b>	0,753	1274,061	1174,635	21848,220
<b>35,208</b>	0,772	1280,104	1169,090	21745,070
<b>35,604</b>	0,784	1286,177	1163,570	21642,405
<b>36,000</b>	0,788	1292,278	1158,077	21540,227
<b>36,396</b>	0,784	1298,408	1152,609	21438,532

<b>36,792</b>	0,772	1304,567	1147,167	21337,314
<b>37,188</b>	0,753	1310,756	1141,751	21236,576
<b>37,583</b>	0,726	1316,973	1136,361	21136,315
<b>37,979</b>	0,691	1323,220	1130,996	21036,523
<b>38,375</b>	0,648	1329,497	1125,656	20937,206
<b>38,729</b>	0,603	1335,804	1120,900	20848,739
<b>39,083</b>	0,551	1341,472	1116,164	20760,648
<b>39,438</b>	0,494	1347,164	1111,448	20672,928
<b>39,792</b>	0,430	1352,881	1106,751	20585,577
<b>40,146</b>	0,360	1358,621	1102,075	20498,598
<b>40,500</b>	0,284	1364,386	1097,419	20411,985
<b>41,000</b>	0,174	1370,176	1094,958	20366,223
<b>41,500</b>	0,066	1373,254	1092,503	20320,563
<b>42,000</b>	-0,038	1376,340	1090,054	20275,006
<b>42,500</b>	-0,139	1379,433	1087,610	20229,551
<b>43,000</b>	-0,237	1382,532	1085,172	20184,197
<b>43,500</b>	-0,332	1385,639	1082,739	20138,946
<b>44,000</b>	-0,424	1388,752	1080,312	20093,796
<b>44,500</b>	-0,512	1391,873	1077,890	20048,747
<b>45,000</b>	-0,598	1395,000	1077,890	20048,747
<b>45,500</b>	-0,680	1068,161	1068,161	19867,802
<b>46,000</b>	-0,760	1070,562	1070,562	19912,444
<b>46,500</b>	-0,836	1072,967	1072,967	19957,187
<b>47,000</b>	-0,909	1075,378	1075,378	20002,030
<b>47,500</b>	-0,979	1077,794	1077,794	20046,974
<b>48,000</b>	-1,046	1080,216	1080,216	20092,019
<b>48,500</b>	-1,110	1082,643	1082,643	20137,165
<b>49,000</b>	-1,170	1085,076	1085,076	20182,412
<b>49,500</b>	-1,228	1087,514	1087,514	20227,762
<b>50,000</b>	-1,282	1089,958	1089,958	20273,213
<b>50,500</b>	-1,334	1092,407	1092,407	20318,766
<b>51,000</b>	-1,382	1094,861	1094,861	20364,421
<b>51,500</b>	-1,427	1097,321	1097,321	20410,180
<b>52,000</b>	-1,469	1099,787	1099,787	20456,041
<b>52,500</b>	-1,508	1102,258	1102,258	20502,005
<b>53,000</b>	-1,544	1104,735	1104,735	20548,072
<b>53,500</b>	-1,576	1107,217	1107,217	20594,243
<b>54,000</b>	-1,606	1109,705	1109,705	20640,517
<b>54,500</b>	-1,632	1112,199	1112,199	20686,896
<b>55,000</b>	-1,656	1114,698	1114,698	20733,378
<b>55,500</b>	-1,676	1117,202	1117,202	20779,966
<b>56,000</b>	-1,693	1119,713	1119,713	20826,657
<b>56,500</b>	-1,707	1122,229	1122,229	20873,454
<b>57,000</b>	-1,718	1124,750	1124,750	20920,356
<b>57,500</b>	-1,726	1127,278	1127,278	20967,363
<b>58,000</b>	-1,730	1129,811	1129,811	21014,476

<b>58,500</b>	-1,732	1132,349	1132,349	21061,695
<b>59,000</b>	-1,730	1134,894	1134,894	21109,020
<b>59,500</b>	-1,726	1137,444	1137,444	21156,451
<b>60,000</b>	-1,718	1139,999	1139,999	21203,989
<b>60,500</b>	-1,707	1142,561	1142,561	21251,634
<b>61,000</b>	-1,693	1145,128	1145,128	21299,385
<b>61,500</b>	-1,676	1147,701	1147,701	21347,244
<b>62,000</b>	-1,656	1150,280	1150,280	21395,211
<b>62,500</b>	-1,632	1152,865	1152,865	21443,285
<b>63,000</b>	-1,606	1155,455	1155,455	21491,468
<b>63,500</b>	-1,576	1158,052	1158,052	21539,758
<b>64,000</b>	-1,544	1160,654	1160,654	21588,157
<b>64,500</b>	-1,508	1163,262	1163,262	21636,665
<b>65,000</b>	-1,469	1165,875	1165,875	21685,282
<b>65,500</b>	-1,427	1168,495	1168,495	21734,008
<b>66,000</b>	-1,382	1171,121	1171,121	21782,843
<b>66,500</b>	-1,334	1173,752	1173,752	21831,789
<b>67,000</b>	-1,282	1176,389	1176,389	21880,844
<b>67,500</b>	-1,228	1179,033	1179,033	21930,010
<b>68,000</b>	-1,170	1181,682	1181,682	21979,285
<b>68,500</b>	-1,110	1184,337	1184,337	22028,672
<b>69,000</b>	-1,046	1186,998	1186,998	22078,170
<b>69,500</b>	-0,979	1189,666	1189,666	22127,779
<b>70,000</b>	-0,909	1192,339	1192,339	22177,499
<b>70,500</b>	-0,836	1195,018	1195,018	22227,331
<b>71,000</b>	-0,760	1197,703	1197,703	22277,275
<b>71,500</b>	-0,680	1200,394	1200,394	22327,331
<b>72,000</b>	-0,598	1203,091	1203,091	22377,500
<b>72,500</b>	-0,512	1205,795	1205,795	22427,782
<b>73,000</b>	-0,424	1208,504	1208,504	22478,176
<b>73,500</b>	-0,332	1211,220	1211,220	22528,684
<b>74,000</b>	-0,237	1213,941	1213,941	22579,305
<b>74,500</b>	-0,139	1216,669	1216,669	22630,040
<b>75,000</b>	-0,038	1219,403	1219,403	22680,889
<b>75,500</b>	0,066	1222,143	1222,143	22731,852
<b>75,890</b>	0,150	1224,889	1224,889	22782,930
<b>76,000</b>	0,174	1227,035	1224,284	22771,683
<b>76,500</b>	0,284	1227,641	1221,539	22720,630
<b>76,854</b>	0,360	1230,399	1216,378	22624,628
<b>77,208</b>	0,430	1235,620	1211,238	22529,033
<b>77,563</b>	0,494	1240,863	1206,120	22433,840
<b>77,917</b>	0,551	1246,129	1201,024	22339,050
<b>78,271</b>	0,603	1251,416	1195,950	22244,662
<b>78,625</b>	0,648	1256,726	1190,896	22150,671
<b>79,021</b>	0,691	1262,059	1185,274	22046,093
<b>79,417</b>	0,726	1268,046	1179,678	21942,007

<b>79,813</b>	0,753	1274,061	1174,108	21838,414
<b>80,208</b>	0,772	1280,104	1168,565	21735,311
<b>80,604</b>	0,784	1286,177	1163,048	21632,692
<b>81,000</b>	0,788	1292,278	1157,557	21530,560
<b>81,396</b>	0,784	1298,408	1152,092	21428,910
<b>81,792</b>	0,772	1304,567	1146,653	21327,738
<b>82,188</b>	0,753	1310,756	1141,239	21227,046
<b>82,583</b>	0,726	1316,973	1135,851	21126,829
<b>82,979</b>	0,691	1323,220	1130,488	21027,083
<b>83,375</b>	0,648	1329,497	1125,151	20927,810
<b>83,729</b>	0,603	1335,804	1120,397	20839,382
<b>84,083</b>	0,551	1341,472	1115,663	20751,331
<b>84,438</b>	0,494	1347,164	1110,949	20663,650
<b>84,792</b>	0,430	1352,881	1106,255	20576,339
<b>85,146</b>	0,360	1358,621	1101,581	20489,399
<b>85,500</b>	0,284	1364,386	1096,926	20402,824
<b>86,000</b>	0,174	1370,176	1094,467	20357,082
<b>86,500</b>	0,066	1373,254	1092,013	20311,443
<b>87,000</b>	-0,038	1376,340	1089,565	20265,907
<b>87,500</b>	-0,139	1379,433	1087,122	20220,472
<b>88,000</b>	-0,237	1382,532	1084,685	20175,139
<b>88,500</b>	-0,332	1385,639	1082,253	20129,908
<b>89,000</b>	-0,424	1388,752	1079,827	20084,778
<b>89,500</b>	-0,512	1391,873	1077,406	20039,749
<b>90,000</b>	-0,598	1395,000	1077,406	20039,749
<b>90,500</b>	-0,680	1068,161	1068,161	19867,802
<b>91,000</b>	-0,760	1070,562	1070,562	19912,444
<b>91,500</b>	-0,836	1072,967	1072,967	19957,187
<b>92,000</b>	-0,909	1075,378	1075,378	20002,030
<b>92,500</b>	-0,979	1077,794	1077,794	20046,974
<b>93,000</b>	-1,046	1080,216	1080,216	20092,019
<b>93,500</b>	-1,110	1082,643	1082,643	20137,165
<b>94,000</b>	-1,170	1085,076	1085,076	20182,412
<b>94,500</b>	-1,228	1087,514	1087,514	20227,762
<b>95,000</b>	-1,282	1089,958	1089,958	20273,213
<b>95,500</b>	-1,334	1092,407	1092,407	20318,766
<b>96,000</b>	-1,382	1094,861	1094,861	20364,421
<b>96,500</b>	-1,427	1097,321	1097,321	20410,180
<b>97,000</b>	-1,469	1099,787	1099,787	20456,041
<b>97,500</b>	-1,508	1102,258	1102,258	20502,005
<b>98,000</b>	-1,544	1104,735	1104,735	20548,072
<b>98,500</b>	-1,576	1107,217	1107,217	20594,243
<b>99,000</b>	-1,606	1109,705	1109,705	20640,517
<b>99,500</b>	-1,632	1112,199	1112,199	20686,896
<b>100,000</b>	-1,656	1114,698	1114,698	20733,378
<b>100,500</b>	-1,676	1117,202	1117,202	20779,966

<b>101,000</b>	-1,693	1119,713	1119,713	20826,657
<b>101,500</b>	-1,707	1122,229	1122,229	20873,454
<b>102,000</b>	-1,718	1124,750	1124,750	20920,356
<b>102,500</b>	-1,726	1127,278	1127,278	20967,363
<b>103,000</b>	-1,730	1129,811	1129,811	21014,476
<b>103,500</b>	-1,732	1132,349	1132,349	21061,695
<b>104,000</b>	-1,730	1134,894	1134,894	21109,020
<b>104,500</b>	-1,726	1137,444	1137,444	21156,451
<b>105,000</b>	-1,718	1139,999	1139,999	21203,989
<b>105,500</b>	-1,707	1142,561	1142,561	21251,634
<b>106,000</b>	-1,693	1145,128	1145,128	21299,385
<b>106,500</b>	-1,676	1147,701	1147,701	21347,244
<b>107,000</b>	-1,656	1150,280	1150,280	21395,211
<b>107,500</b>	-1,632	1152,865	1152,865	21443,285
<b>108,000</b>	-1,606	1155,455	1155,455	21491,468
<b>108,500</b>	-1,576	1158,052	1158,052	21539,758
<b>109,000</b>	-1,544	1160,654	1160,654	21588,157
<b>109,500</b>	-1,508	1163,262	1163,262	21636,665
<b>110,000</b>	-1,469	1165,875	1165,875	21685,282
<b>110,500</b>	-1,427	1168,495	1168,495	21734,008
<b>111,000</b>	-1,382	1171,121	1171,121	21782,843
<b>111,500</b>	-1,334	1173,752	1173,752	21831,789
<b>112,000</b>	-1,282	1176,389	1176,389	21880,844
<b>112,500</b>	-1,228	1179,033	1179,033	21930,010
<b>113,000</b>	-1,170	1181,682	1181,682	21979,285
<b>113,500</b>	-1,110	1184,337	1184,337	22028,672
<b>114,000</b>	-1,046	1186,998	1186,998	22078,170
<b>114,500</b>	-0,979	1189,666	1189,666	22127,779
<b>115,000</b>	-0,909	1192,339	1192,339	22177,499
<b>115,500</b>	-0,836	1195,018	1195,018	22227,331
<b>116,000</b>	-0,760	1197,703	1197,703	22277,275
<b>116,500</b>	-0,680	1200,394	1200,394	22327,331
<b>117,000</b>	-0,598	1203,091	1203,091	22377,500
<b>117,500</b>	-0,512	1205,795	1205,795	22427,782
<b>118,000</b>	-0,424	1208,504	1208,504	22478,176
<b>118,500</b>	-0,332	1211,220	1211,220	22528,684
<b>119,000</b>	-0,237	1213,941	1213,941	22579,305
<b>119,500</b>	-0,139	1216,669	1216,669	22630,040
<b>120,000</b>	-0,038	1219,403	1219,403	22680,889
<b>120,500</b>	0,066	1222,143	1222,143	22731,852
<b>120,890</b>	0,150	1224,889	1224,889	22782,930
<b>121,000</b>	0,174	1227,035	1224,284	22771,683
<b>121,500</b>	0,284	1227,641	1221,539	22720,630
<b>121,854</b>	0,360	1230,399	1216,378	22624,628
<b>122,208</b>	0,430	1235,620	1211,238	22529,033
<b>122,563</b>	0,494	1240,863	1206,120	22433,840

<b>122,917</b>	0,551	1246,129	1201,024	22339,050
<b>123,271</b>	0,603	1251,416	1195,950	22244,662
<b>123,625</b>	0,648	1256,726	1190,896	22150,671
<b>124,021</b>	0,691	1262,059	1185,274	22046,093
<b>124,417</b>	0,726	1268,046	1179,678	21942,007
<b>124,813</b>	0,753	1274,061	1174,108	21838,414
<b>125,208</b>	0,772	1280,104	1168,565	21735,311
<b>125,604</b>	0,784	1286,177	1163,048	21632,692
<b>126,000</b>	0,788	1292,278	1157,557	21530,560
<b>126,396</b>	0,784	1298,408	1152,092	21428,910
<b>126,792</b>	0,772	1304,567	1146,653	21327,738
<b>127,188</b>	0,753	1310,756	1141,239	21227,046
<b>127,583</b>	0,726	1316,973	1135,851	21126,829
<b>127,979</b>	0,691	1323,220	1130,488	21027,083
<b>128,375</b>	0,648	1329,497	1125,151	20927,810
<b>128,729</b>	0,603	1335,804	1120,397	20839,382
<b>129,083</b>	0,551	1341,472	1115,663	20751,331
<b>129,438</b>	0,494	1347,164	1110,949	20663,650
<b>129,792</b>	0,430	1352,881	1106,255	20576,339
<b>130,146</b>	0,360	1358,621	1101,581	20489,399
<b>130,500</b>	0,284	1364,386	1096,926	20402,824
<b>131,000</b>	0,174	1370,176	1094,467	20357,082
<b>131,500</b>	0,066	1373,254	1092,013	20311,443
<b>132,000</b>	-0,038	1376,340	1089,565	20265,907
<b>132,500</b>	-0,139	1379,433	1087,122	20220,472
<b>133,000</b>	-0,237	1382,532	1084,685	20175,139
<b>133,500</b>	-0,332	1385,639	1082,253	20129,908
<b>134,000</b>	-0,424	1388,752	1079,827	20084,778
<b>134,500</b>	-0,512	1391,873	1077,406	20039,749
<b>135,000</b>	-0,598	1395,000	1077,406	20039,749
<b>135,500</b>	-0,680	1068,161	1068,161	19867,802
<b>136,000</b>	-0,760	1070,562	1070,562	19912,444
<b>136,500</b>	-0,836	1072,967	1072,967	19957,187
<b>137,000</b>	-0,909	1075,378	1075,378	20002,030
<b>137,500</b>	-0,979	1077,794	1077,794	20046,974
<b>138,000</b>	-1,046	1080,216	1080,216	20092,019
<b>138,500</b>	-1,110	1082,643	1082,643	20137,165
<b>139,000</b>	-1,170	1085,076	1085,076	20182,412
<b>139,500</b>	-1,228	1087,514	1087,514	20227,762
<b>140,000</b>	-1,282	1089,958	1089,958	20273,213
<b>140,500</b>	-1,334	1092,407	1092,407	20318,766
<b>141,000</b>	-1,382	1094,861	1094,861	20364,421
<b>141,500</b>	-1,427	1097,321	1097,321	20410,180
<b>142,000</b>	-1,469	1099,787	1099,787	20456,041
<b>142,500</b>	-1,508	1102,258	1102,258	20502,005
<b>143,000</b>	-1,544	1104,735	1104,735	20548,072

<b>143,500</b>	-1,576	1107,217	1107,217	20594,243
<b>144,000</b>	-1,606	1109,705	1109,705	20640,517
<b>144,500</b>	-1,632	1112,199	1112,199	20686,896
<b>145,000</b>	-1,656	1114,698	1114,698	20733,378
<b>145,500</b>	-1,676	1117,202	1117,202	20779,966
<b>146,000</b>	-1,693	1119,713	1119,713	20826,657
<b>146,500</b>	-1,707	1122,229	1122,229	20873,454
<b>147,000</b>	-1,718	1124,750	1124,750	20920,356
<b>147,500</b>	-1,726	1127,278	1127,278	20967,363
<b>148,000</b>	-1,730	1129,811	1129,811	21014,476
<b>148,500</b>	-1,732	1132,349	1132,349	21061,695
<b>149,000</b>	-1,730	1134,894	1134,894	21109,020
<b>149,500</b>	-1,726	1137,444	1137,444	21156,451
<b>150,000</b>	-1,718	1139,999	1139,999	21203,989
<b>150,500</b>	-1,707	1142,561	1142,561	21251,634
<b>151,000</b>	-1,693	1145,128	1145,128	21299,385
<b>151,500</b>	-1,676	1147,701	1147,701	21347,244
<b>152,000</b>	-1,656	1150,280	1150,280	21395,211
<b>152,500</b>	-1,632	1152,865	1152,865	21443,285
<b>153,000</b>	-1,606	1155,455	1155,455	21491,468
<b>153,500</b>	-1,576	1158,052	1158,052	21539,758
<b>154,000</b>	-1,544	1160,654	1160,654	21588,157
<b>154,500</b>	-1,508	1163,262	1163,262	21636,665
<b>155,000</b>	-1,469	1165,875	1165,875	21685,282
<b>155,500</b>	-1,427	1168,495	1168,495	21734,008
<b>156,000</b>	-1,382	1171,121	1171,121	21782,843
<b>156,500</b>	-1,334	1173,752	1173,752	21831,789
<b>157,000</b>	-1,282	1176,389	1176,389	21880,844
<b>157,500</b>	-1,228	1179,033	1179,033	21930,010
<b>158,000</b>	-1,170	1181,682	1181,682	21979,285
<b>158,500</b>	-1,110	1184,337	1184,337	22028,672
<b>159,000</b>	-1,046	1186,998	1186,998	22078,170
<b>159,500</b>	-0,979	1189,666	1189,666	22127,779
<b>160,000</b>	-0,909	1192,339	1192,339	22177,499
<b>160,500</b>	-0,836	1195,018	1195,018	22227,331
<b>161,000</b>	-0,760	1197,703	1197,703	22277,275
<b>161,500</b>	-0,680	1200,394	1200,394	22327,331
<b>162,000</b>	-0,598	1203,091	1203,091	22377,500
<b>162,500</b>	-0,512	1205,795	1205,795	22427,782
<b>163,000</b>	-0,424	1208,504	1208,504	22478,176
<b>163,500</b>	-0,332	1211,220	1211,220	22528,684
<b>164,000</b>	-0,237	1213,941	1213,941	22579,305
<b>164,500</b>	-0,139	1216,669	1216,669	22630,040
<b>165,000</b>	-0,038	1219,403	1219,403	22680,889
<b>165,500</b>	0,066	1222,143	1222,143	22731,852
<b>165,890</b>	0,150	1224,889	1224,889	22782,930

<b>166,000</b>	0,174	1227,035	1224,284	22771,683
<b>166,500</b>	0,284	1227,641	1221,539	22720,630
<b>166,854</b>	0,360	1230,399	1216,378	22624,628
<b>167,208</b>	0,430	1235,620	1211,238	22529,033
<b>167,563</b>	0,494	1240,863	1206,120	22433,840
<b>167,917</b>	0,551	1246,129	1201,024	22339,050
<b>168,271</b>	0,603	1251,416	1195,950	22244,662
<b>168,625</b>	0,648	1256,726	1190,896	22150,671
<b>169,021</b>	0,691	1262,059	1185,274	22046,093
<b>169,417</b>	0,726	1268,046	1179,678	21942,007
<b>169,813</b>	0,753	1274,061	1174,108	21838,414
<b>170,208</b>	0,772	1280,104	1168,565	21735,311
<b>170,604</b>	0,784	1286,177	1163,048	21632,692
<b>171,000</b>	0,788	1292,278	1157,557	21530,560
<b>171,396</b>	0,784	1298,408	1152,092	21428,910
<b>171,792</b>	0,772	1304,567	1146,653	21327,738
<b>172,188</b>	0,753	1310,756	1141,239	21227,046
<b>172,583</b>	0,726	1316,973	1135,851	21126,829
<b>172,979</b>	0,691	1323,220	1130,488	21027,083
<b>173,375</b>	0,648	1329,497	1125,151	20927,810
<b>173,729</b>	0,603	1335,804	1120,397	20839,382
<b>174,083</b>	0,551	1341,472	1115,663	20751,331
<b>174,438</b>	0,494	1347,164	1110,949	20663,650
<b>174,792</b>	0,430	1352,881	1106,255	20576,339
<b>175,146</b>	0,360	1358,621	1101,581	20489,399
<b>175,500</b>	0,284	1364,386	1096,926	20402,824
<b>176,000</b>	0,174	1370,176	1094,467	20357,082
<b>176,500</b>	0,066	1373,254	1092,013	20311,443
<b>177,000</b>	-0,038	1376,340	1089,565	20265,907
<b>177,500</b>	-0,139	1379,433	1087,122	20220,472
<b>178,000</b>	-0,237	1382,532	1084,685	20175,139
<b>178,500</b>	-0,332	1385,639	1082,253	20129,908
<b>179,000</b>	-0,424	1388,752	1079,827	20084,778
<b>179,500</b>	-0,512	1391,873	1077,406	20039,749
<b>180,000</b>	-0,598	1395,000	1077,406	20039,749
<b>180,500</b>	-0,680	1068,161	1068,161	19867,802
<b>181,000</b>	-0,760	1070,562	1070,562	19912,444
<b>181,500</b>	-0,836	1072,967	1072,967	19957,187
<b>182,000</b>	-0,909	1075,378	1075,378	20002,030
<b>182,500</b>	-0,979	1077,794	1077,794	20046,974
<b>183,000</b>	-1,046	1080,216	1080,216	20092,019
<b>183,500</b>	-1,110	1082,643	1082,643	20137,165
<b>184,000</b>	-1,170	1085,076	1085,076	20182,412
<b>184,500</b>	-1,228	1087,514	1087,514	20227,762
<b>185,000</b>	-1,282	1089,958	1089,958	20273,213
<b>185,500</b>	-1,334	1092,407	1092,407	20318,766

<b>186,000</b>	-1,382	1094,861	1094,861	20364,421
<b>186,500</b>	-1,427	1097,321	1097,321	20410,180
<b>187,000</b>	-1,469	1099,787	1099,787	20456,041
<b>187,500</b>	-1,508	1102,258	1102,258	20502,005
<b>188,000</b>	-1,544	1104,735	1104,735	20548,072
<b>188,500</b>	-1,576	1107,217	1107,217	20594,243
<b>189,000</b>	-1,606	1109,705	1109,705	20640,517
<b>189,500</b>	-1,632	1112,199	1112,199	20686,896
<b>190,000</b>	-1,656	1114,698	1114,698	20733,378
<b>190,500</b>	-1,676	1117,202	1117,202	20779,966
<b>191,000</b>	-1,693	1119,713	1119,713	20826,657
<b>191,500</b>	-1,707	1122,229	1122,229	20873,454
<b>192,000</b>	-1,718	1124,750	1124,750	20920,356
<b>192,500</b>	-1,726	1127,278	1127,278	20967,363
<b>193,000</b>	-1,730	1129,811	1129,811	21014,476
<b>193,500</b>	-1,732	1132,349	1132,349	21061,695
<b>194,000</b>	-1,730	1134,894	1134,894	21109,020
<b>194,500</b>	-1,726	1137,444	1137,444	21156,451
<b>195,000</b>	-1,718	1139,999	1139,999	21203,989
<b>195,500</b>	-1,707	1142,561	1142,561	21251,634
<b>196,000</b>	-1,693	1145,128	1145,128	21299,385
<b>196,500</b>	-1,676	1147,701	1147,701	21347,244
<b>197,000</b>	-1,656	1150,280	1150,280	21395,211
<b>197,500</b>	-1,632	1152,865	1152,865	21443,285
<b>198,000</b>	-1,606	1155,455	1155,455	21491,468
<b>198,500</b>	-1,576	1158,052	1158,052	21539,758
<b>199,000</b>	-1,544	1160,654	1160,654	21588,157
<b>199,500</b>	-1,508	1163,262	1163,262	21636,665
<b>200,000</b>	-1,469	1165,875	1165,875	21685,282
<b>200,500</b>	-1,427	1168,495	1168,495	21734,008
<b>201,000</b>	-1,382	1171,121	1171,121	21782,843
<b>201,500</b>	-1,334	1173,752	1173,752	21831,789
<b>202,000</b>	-1,282	1176,389	1176,389	21880,844
<b>202,500</b>	-1,228	1179,033	1179,033	21930,010
<b>203,000</b>	-1,170	1181,682	1181,682	21979,285
<b>203,500</b>	-1,110	1184,337	1184,337	22028,672
<b>204,000</b>	-1,046	1186,998	1186,998	22078,170
<b>204,500</b>	-0,979	1189,666	1189,666	22127,779
<b>205,000</b>	-0,909	1192,339	1192,339	22177,499
<b>205,500</b>	-0,836	1195,018	1195,018	22227,331
<b>206,000</b>	-0,760	1197,703	1197,703	22277,275
<b>206,500</b>	-0,680	1200,394	1200,394	22327,331
<b>207,000</b>	-0,598	1203,091	1203,091	22377,500
<b>207,500</b>	-0,512	1205,795	1205,795	22427,782
<b>208,000</b>	-0,424	1208,504	1208,504	22478,176
<b>208,500</b>	-0,332	1211,220	1211,220	22528,684

<b>209,000</b>	-0,237	1213,941	1213,941	22579,305
<b>209,500</b>	-0,139	1216,669	1216,669	22630,040
<b>210,000</b>	-0,038	1219,403	1219,403	22680,889
<b>210,500</b>	0,066	1222,143	1222,143	22731,852
<b>210,890</b>	0,150	1224,889	1224,889	22782,930
<b>211,000</b>	0,174	1227,035	1224,284	22771,683
<b>211,500</b>	0,284	1227,641	1221,539	22720,630
<b>211,854</b>	0,360	1230,399	1216,378	22624,628
<b>212,208</b>	0,430	1235,620	1211,238	22529,033
<b>212,563</b>	0,494	1240,863	1206,120	22433,840
<b>212,917</b>	0,551	1246,129	1201,024	22339,050
<b>213,271</b>	0,603	1251,416	1195,950	22244,662
<b>213,625</b>	0,648	1256,726	1190,896	22150,671
<b>214,021</b>	0,691	1262,059	1185,274	22046,093
<b>214,417</b>	0,726	1268,046	1179,678	21942,007
<b>214,813</b>	0,753	1274,061	1174,108	21838,414
<b>215,208</b>	0,772	1280,104	1168,565	21735,311
<b>215,604</b>	0,784	1286,177	1163,048	21632,692
<b>216,000</b>	0,788	1292,278	1157,557	21530,560
<b>216,396</b>	0,784	1298,408	1152,092	21428,910
<b>216,792</b>	0,772	1304,567	1146,653	21327,738
<b>217,188</b>	0,753	1310,756	1141,239	21227,046
<b>217,583</b>	0,726	1316,973	1135,851	21126,829
<b>217,979</b>	0,691	1323,220	1130,488	21027,083
<b>218,375</b>	0,648	1329,497	1125,151	20927,810
<b>218,729</b>	0,603	1335,804	1120,397	20839,382
<b>219,083</b>	0,551	1341,472	1115,663	20751,331
<b>219,438</b>	0,494	1347,164	1110,949	20663,650
<b>219,792</b>	0,430	1352,881	1106,255	20576,339
<b>220,146</b>	0,360	1358,621	1101,581	20489,399
<b>220,500</b>	0,284	1364,386	1096,926	20402,824
<b>221,000</b>	0,174	1370,176	1094,467	20357,082
<b>221,500</b>	0,066	1373,254	1092,013	20311,443
<b>222,000</b>	-0,038	1376,340	1089,565	20265,907
<b>222,500</b>	-0,139	1379,433	1087,122	20220,472
<b>223,000</b>	-0,237	1382,532	1084,685	20175,139
<b>223,500</b>	-0,332	1385,639	1082,253	20129,908
<b>224,000</b>	-0,424	1388,752	1079,827	20084,778
<b>224,500</b>	-0,512	1391,873	1077,406	20039,749
<b>225,000</b>	-0,598	1395,000	1077,406	20039,749
<b>225,500</b>	-0,680	1067,922	1067,922	19863,343
<b>226,000</b>	-0,760	1070,321	1070,321	19907,976
<b>226,500</b>	-0,836	1072,726	1072,726	19952,708
<b>227,000</b>	-0,909	1075,137	1075,137	19997,541
<b>227,500</b>	-0,979	1077,552	1077,552	20042,475
<b>228,000</b>	-1,046	1079,974	1079,974	20087,510

<b>228,500</b>	-1,110	1082,400	1082,400	20132,646
<b>229,000</b>	-1,170	1084,832	1084,832	20177,883
<b>229,500</b>	-1,228	1087,270	1087,270	20223,222
<b>230,000</b>	-1,282	1089,713	1089,713	20268,663
<b>230,500</b>	-1,334	1092,162	1092,162	20314,206
<b>231,000</b>	-1,382	1094,616	1094,616	20359,851
<b>231,500</b>	-1,427	1097,075	1097,075	20405,599
<b>232,000</b>	-1,469	1099,540	1099,540	20451,450
<b>232,500</b>	-1,508	1102,011	1102,011	20497,403
<b>233,000</b>	-1,544	1104,487	1104,487	20543,460
<b>233,500</b>	-1,576	1106,969	1106,969	20589,621
<b>234,000</b>	-1,606	1109,456	1109,456	20635,885
<b>234,500</b>	-1,632	1111,949	1111,949	20682,253
<b>235,000</b>	-1,656	1114,448	1114,448	20728,725
<b>235,500</b>	-1,676	1116,952	1116,952	20775,302
<b>236,000</b>	-1,693	1119,461	1119,461	20821,984
<b>236,500</b>	-1,707	1121,977	1121,977	20868,770
<b>237,000</b>	-1,718	1124,498	1124,498	20915,661
<b>237,500</b>	-1,726	1127,025	1127,025	20962,658
<b>238,000</b>	-1,730	1129,557	1129,557	21009,760
<b>238,500</b>	-1,732	1132,095	1132,095	21056,969
<b>239,000</b>	-1,730	1134,639	1134,639	21104,283
<b>239,500</b>	-1,726	1137,188	1137,188	21151,703
<b>240,000</b>	-1,718	1139,744	1139,744	21199,231
<b>240,500</b>	-1,707	1142,305	1142,305	21246,864
<b>241,000</b>	-1,693	1144,871	1144,871	21294,605
<b>241,500</b>	-1,676	1147,444	1147,444	21342,454
<b>242,000</b>	-1,656	1150,022	1150,022	21390,409
<b>242,500</b>	-1,632	1152,606	1152,606	21438,473
<b>243,000</b>	-1,606	1155,196	1155,196	21486,644
<b>243,500</b>	-1,576	1157,792	1157,792	21534,924
<b>244,000</b>	-1,544	1160,393	1160,393	21583,312
<b>244,500</b>	-1,508	1163,001	1163,001	21631,809
<b>245,000</b>	-1,469	1165,614	1165,614	21680,415
<b>245,500</b>	-1,427	1168,233	1168,233	21729,130
<b>246,000</b>	-1,382	1170,858	1170,858	21777,955
<b>246,500</b>	-1,334	1173,489	1173,489	21826,889
<b>247,000</b>	-1,282	1176,125	1176,125	21875,934
<b>247,500</b>	-1,228	1178,768	1178,768	21925,088
<b>248,000</b>	-1,170	1181,417	1181,417	21974,353
<b>248,500</b>	-1,110	1184,071	1184,071	22023,729
<b>249,000</b>	-1,046	1186,732	1186,732	22073,215
<b>249,500</b>	-0,979	1189,399	1189,399	22122,813
<b>250,000</b>	-0,909	1192,071	1192,071	22172,522
<b>250,500</b>	-0,836	1194,750	1194,750	22222,343
<b>251,000</b>	-0,760	1197,434	1197,434	22272,276

<b>251,500</b>	-0,680	1200,125	1200,125	22322,321
<b>252,000</b>	-0,598	1202,821	1202,821	22372,478
<b>252,500</b>	-0,512	1205,524	1205,524	22422,748
<b>253,000</b>	-0,424	1208,233	1208,233	22473,132
<b>253,500</b>	-0,332	1210,948	1210,948	22523,628
<b>254,000</b>	-0,237	1213,669	1213,669	22574,238
<b>254,500</b>	-0,139	1216,396	1216,396	22624,961
<b>255,000</b>	-0,038	1219,129	1219,129	22675,799
<b>255,500</b>	0,066	1221,868	1221,868	22726,750
<b>255,890</b>	0,150	1224,614	1224,614	22777,817
<b>256,000</b>	0,174	1226,760	1224,009	22766,572
<b>256,500</b>	0,284	1227,365	1221,265	22715,531
<b>256,854</b>	0,360	1230,123	1216,105	22619,550
<b>257,208</b>	0,430	1235,343	1210,967	22523,977
<b>257,563</b>	0,494	1240,585	1205,850	22428,806
<b>257,917</b>	0,551	1245,849	1200,755	22334,036
<b>258,271</b>	0,603	1251,135	1195,681	22239,670
<b>258,625</b>	0,648	1256,444	1190,629	22145,700
<b>259,021</b>	0,691	1261,776	1185,008	22041,146
<b>259,417</b>	0,726	1267,761	1179,413	21937,083
<b>259,813</b>	0,753	1273,775	1173,845	21833,514
<b>260,208</b>	0,772	1279,817	1168,303	21730,433
<b>260,604</b>	0,784	1285,888	1162,787	21627,837
<b>261,000</b>	0,788	1291,988	1157,297	21525,728
<b>261,396</b>	0,784	1298,117	1151,833	21424,101
<b>261,792</b>	0,772	1304,274	1146,395	21322,952
<b>262,188</b>	0,753	1310,461	1140,983	21222,282
<b>262,583</b>	0,726	1316,678	1135,596	21122,088
<b>262,979</b>	0,691	1322,923	1130,235	21022,364
<b>263,375</b>	0,648	1329,199	1124,899	20923,113
<b>263,729</b>	0,603	1335,504	1120,145	20834,706
<b>264,083</b>	0,551	1341,171	1115,413	20746,674
<b>264,438</b>	0,494	1346,862	1110,700	20659,012
<b>264,792</b>	0,430	1352,577	1106,007	20571,721
<b>265,146</b>	0,360	1358,316	1101,333	20484,801
<b>265,500</b>	0,284	1364,080	1096,680	20398,245
<b>265,950</b>	0,184	1369,868	1094,467	20357,082
<b>266,400</b>	0,087	1372,638	1092,258	20316,003
<b>266,850</b>	-0,007	1375,414	1090,054	20275,006
<b>267,300</b>	-0,099	1378,195	1087,854	20234,092
<b>267,750</b>	-0,189	1380,981	1085,659	20193,260
<b>268,200</b>	-0,275	1383,774	1083,468	20152,511
<b>268,650</b>	-0,360	1386,572	1081,282	20111,844
<b>269,100</b>	-0,442	1389,376	1079,100	20071,259
<b>269,550</b>	-0,521	1392,185	1076,922	20030,756
<b>270,000</b>	-0,598	1395,000	1076,922	20030,756

<b>270,450</b>	-0,672	1186,508	1186,508	22069,047
<b>270,900</b>	-0,744	1188,907	1188,907	22113,671
<b>271,350</b>	-0,813	1191,311	1191,311	22158,386
<b>271,800</b>	-0,880	1193,720	1193,720	22203,191
<b>272,250</b>	-0,945	1196,134	1196,134	22248,087
<b>272,700</b>	-1,006	1198,552	1198,552	22293,073
<b>273,150</b>	-1,065	1200,976	1200,976	22338,151
<b>273,600</b>	-1,122	1203,404	1203,404	22383,320
<b>274,050</b>	-1,176	1205,838	1205,838	22428,580
<b>274,500</b>	-1,228	1208,276	1208,276	22473,931
<b>274,950</b>	-1,277	1210,719	1210,719	22519,374
<b>275,400</b>	-1,324	1213,167	1213,167	22564,909
<b>275,850</b>	-1,368	1215,620	1215,620	22610,537
<b>276,300</b>	-1,409	1218,078	1218,078	22656,256
<b>276,750</b>	-1,449	1220,541	1220,541	22702,068
<b>277,200</b>	-1,485	1223,009	1223,009	22747,972
<b>277,650</b>	-1,519	1225,482	1225,482	22793,970
<b>278,100</b>	-1,551	1227,960	1227,960	22840,060
<b>278,550</b>	-1,580	1230,443	1230,443	22886,244
<b>279,000</b>	-1,606	1232,931	1232,931	22932,521
<b>279,450</b>	-1,630	1235,424	1235,424	22978,891
<b>279,900</b>	-1,651	1237,922	1237,922	23025,355
<b>280,350</b>	-1,670	1240,425	1240,425	23071,914
<b>280,800</b>	-1,687	1242,934	1242,934	23118,566
<b>281,250</b>	-1,701	1245,447	1245,447	23165,313
<b>281,700</b>	-1,712	1247,965	1247,965	23212,154
<b>282,150</b>	-1,721	1250,489	1250,489	23259,090
<b>282,600</b>	-1,727	1253,017	1253,017	23306,121
<b>283,050</b>	-1,731	1255,551	1255,551	23353,247
<b>283,500</b>	-1,732	1258,090	1258,090	23400,468
<b>284,000</b>	-1,730	1260,634	1260,634	23447,785
<b>284,500</b>	-1,722	1264,296	1264,296	23515,898
<b>284,540</b>	-1,722	1267,968	1267,968	23584,209
<b>285,000</b>	-1,711	1268,263	1264,589	23521,356
<b>285,500</b>	-1,694	1271,652	1260,926	23453,226
<b>286,000</b>	-1,673	1275,346	1257,274	23385,295
<b>286,500</b>	-1,646	1279,050	1253,632	23317,559
<b>287,000</b>	-1,616	1282,766	1250,001	23250,021
<b>287,500</b>	-1,580	1286,492	1246,380	23182,677
<b>288,000</b>	-1,540	1290,229	1242,770	23115,529
<b>288,500</b>	-1,494	1293,977	1239,171	23048,575
<b>289,000</b>	-1,445	1297,736	1235,581	22981,815
<b>289,500</b>	-1,390	1301,506	1232,003	22915,249
<b>290,000</b>	-1,330	1305,287	1228,434	22848,875
<b>290,500</b>	-1,266	1309,078	1224,876	22782,694
<b>291,000</b>	-1,197	1312,881	1221,328	22716,704

<b>291,500</b>	-1,124	1316,695	1217,791	22650,906
<b>292,000</b>	-1,045	1320,520	1214,263	22585,298
<b>292,500</b>	-0,962	1324,356	1210,746	22519,880
<b>292,854</b>	-0,900	1328,203	1205,630	22424,726
<b>293,208</b>	-0,836	1333,839	1200,536	22329,976
<b>293,563</b>	-0,770	1339,498	1195,464	22235,624
<b>293,917</b>	-0,701	1345,182	1190,412	22141,671
<b>294,271</b>	-0,629	1350,890	1185,383	22048,117
<b>294,625</b>	-0,556	1356,622	1180,374	21954,956
<b>295,0208</b>	-0,471	1362,379	1174,801	21851,303
<b>295,4167</b>	-0,382	1368,841	1169,255	21748,136
<b>295,8125</b>	-0,291	1375,335	1163,734	21645,459
<b>296,2083</b>	-0,197	1381,859	1158,240	21543,267
<b>296,6042</b>	-0,100	1388,414	1152,772	21441,554
<b>297,000</b>	0,000	1395,000	1152,772	21441,554



**Anexo B – Perdas diferidas de pré-esforço**

Posição (x)	e [m]	$\Delta\sigma_{t,s}$ [MPa]	$\Delta\sigma_{t,c}$ [MPa]	$\Delta\sigma_{t,r}$ [MPa]	$\Delta\sigma_{t,s+c+r}$ [MPa]	$\sigma_{\infty}$ [MPa]	$P_{\infty}$ [kN]
0,000	0,000	56,637	25,596	67,948	132,616	914,378	17007,440
0,396	-0,100	56,637	25,610	67,948	132,589	916,812	17052,712
0,792	-0,197	56,637	25,538	67,948	132,403	919,412	17101,059
1,188	-0,291	56,637	25,384	67,948	132,068	922,164	17152,256
1,583	-0,382	56,637	25,154	67,948	131,599	925,057	17206,056
1,979	-0,471	56,637	24,857	67,948	131,013	928,073	17262,149
2,375	-0,556	56,637	24,493	67,948	130,317	931,204	17320,392
2,729	-0,629	58,127	29,138	67,948	134,663	929,298	17284,938
3,083	-0,701	58,127	28,622	67,948	133,698	932,451	17343,597
3,438	-0,770	58,127	28,055	67,948	132,660	935,682	17403,691
3,792	-0,836	58,127	27,464	67,948	131,579	938,960	17464,658
4,146	-0,900	58,127	26,842	67,948	130,456	942,285	17526,500
4,500	-0,962	58,127	26,188	67,948	129,296	945,651	17589,116
5,000	-1,045	59,011	27,861	67,948	129,541	947,618	17625,688
5,500	-1,124	59,011	26,740	67,948	127,600	952,687	17719,987
6,000	-1,197	59,011	25,681	67,948	125,738	957,688	17812,989
6,500	-1,266	59,011	24,593	67,948	123,883	962,690	17906,038
7,000	-1,330	59,011	23,623	67,948	122,173	967,556	17996,542
7,500	-1,390	59,011	22,643	67,948	120,503	972,392	18086,483
8,000	-1,445	59,011	21,832	67,948	119,036	977,034	18172,825
8,500	-1,494	59,011	21,027	67,948	117,631	981,623	18258,186
9,000	-1,540	59,011	20,438	67,948	116,475	985,971	18339,069
9,500	-1,580	59,011	19,865	67,948	115,396	990,253	18418,712
10,000	-1,616	59,011	19,551	67,948	114,605	994,256	18493,153
10,500	-1,646	59,011	19,256	67,948	113,898	998,184	18566,224
11,000	-1,673	59,011	19,257	67,948	113,511	1001,802	18633,509
11,500	-1,694	59,011	19,277	67,948	113,209	1005,344	18699,397
12,000	-1,711	59,011	19,621	67,948	113,251	1008,551	18759,043
12,500	-1,722	59,011	19,979	67,948	113,375	1011,686	18817,354
13,000	-1,730	59,011	20,679	67,948	113,861	1014,467	18869,095
13,500	-1,732	59,011	21,382	67,948	114,421	1017,185	18919,642
13,950	-1,731	59,011	22,246	67,948	115,175	1019,718	18966,764
14,400	-1,727	59,011	23,058	67,948	115,923	1021,265	18995,529
14,850	-1,721	59,011	24,010	67,948	116,831	1022,657	19021,419
15,300	-1,712	59,011	24,906	67,948	117,732	1024,060	19047,509
15,750	-1,701	59,011	25,865	67,948	118,728	1025,373	19071,933
16,200	-1,687	59,011	26,840	67,948	119,779	1026,635	19095,406
16,650	-1,670	59,011	27,793	67,948	120,854	1027,879	19118,542
17,100	-1,651	59,011	28,840	67,948	122,051	1029,004	19139,477
17,550	-1,630	59,011	29,779	67,948	123,198	1030,185	19161,434
18,000	-1,606	59,011	30,877	67,948	124,523	1031,192	19180,162

<b>18,450</b>	-1,580	59,011	31,812	67,948	125,750	1032,302	19200,814
<b>18,900</b>	-1,551	59,011	32,888	67,948	127,140	1033,253	19218,515
<b>19,350</b>	-1,519	59,011	33,858	67,948	128,478	1034,261	19237,262
<b>19,800</b>	-1,485	59,011	34,885	67,948	129,905	1035,185	19254,448
<b>20,250</b>	-1,449	59,011	35,868	67,948	131,332	1036,114	19271,722
<b>20,700</b>	-1,409	59,011	36,833	67,948	132,780	1037,027	19288,710
<b>21,150</b>	-1,368	59,011	37,805	67,948	134,267	1037,905	19305,037
<b>21,600</b>	-1,324	59,011	38,693	67,948	135,712	1038,830	19322,246
<b>22,050</b>	-1,277	59,011	39,627	67,948	137,226	1039,691	19338,261
<b>22,500</b>	-1,228	59,011	40,353	67,948	138,579	1040,718	19357,354
<b>22,950</b>	-1,176	59,011	41,273	67,948	140,128	1041,554	19372,900
<b>23,400</b>	-1,122	59,011	41,982	67,948	141,503	1042,568	19391,774
<b>23,850</b>	-1,065	59,011	42,694	67,948	142,892	1043,574	19410,477
<b>24,300</b>	-1,006	59,011	43,297	67,948	144,186	1044,678	19431,018
<b>24,750</b>	-0,945	59,011	43,842	67,948	145,427	1045,842	19452,665
<b>25,200</b>	-0,880	59,011	44,300	67,948	146,579	1047,098	19476,032
<b>25,650</b>	-0,813	59,011	44,646	67,948	147,613	1048,478	19501,700
<b>26,100</b>	-0,744	59,011	44,916	67,948	148,551	1049,958	19529,226
<b>26,550</b>	-0,672	59,011	45,029	67,948	149,311	1051,622	19560,165
<b>27,000</b>	-0,598	59,011	45,063	67,948	149,955	1053,406	19593,361
<b>27,450</b>	-0,521	59,011	44,908	67,948	150,370	1055,425	19630,900
<b>27,900</b>	-0,442	59,011	44,640	67,948	150,617	1057,616	19671,664
<b>28,350</b>	-0,360	59,011	44,182	67,948	150,612	1060,064	19717,183
<b>28,800</b>	-0,275	59,011	43,559	67,948	150,371	1062,753	19767,215
<b>29,250</b>	-0,189	59,011	40,343	67,948	147,550	1068,027	19865,298
<b>29,700</b>	-0,099	59,011	40,453	67,948	147,823	1070,212	19905,936
<b>30,150</b>	-0,007	59,011	40,366	67,948	147,803	1072,695	19952,124
<b>30,600</b>	0,087	59,011	40,063	67,948	147,462	1075,503	20004,364
<b>31,050</b>	0,184	59,011	39,499	67,948	146,750	1078,688	20063,603
<b>31,500</b>	0,284	59,011	38,586	67,948	145,574	1078,985	20069,115
<b>31,854</b>	0,360	58,127	33,930	67,948	140,622	1081,466	20115,269
<b>32,208</b>	0,430	58,127	33,342	67,948	139,765	1077,159	20035,153
<b>32,563</b>	0,494	58,127	32,952	67,948	139,082	1072,700	19952,215
<b>32,917</b>	0,551	58,127	32,809	67,948	138,632	1068,030	19865,358
<b>33,271</b>	0,603	58,127	32,955	67,948	138,464	1063,099	19773,649
<b>33,625</b>	0,648	58,127	33,420	67,948	138,615	1057,872	19676,413
<b>34,021</b>	0,691	56,637	28,370	67,948	133,369	1058,062	19679,946
<b>34,417</b>	0,726	56,637	29,435	67,948	134,188	1051,618	19560,094
<b>34,813</b>	0,753	56,637	30,832	67,948	135,358	1044,849	19434,193
<b>35,208</b>	0,772	56,637	32,536	67,948	136,863	1037,773	19302,573
<b>35,604</b>	0,784	56,637	34,511	67,948	138,670	1030,420	19165,809
<b>36,000</b>	0,788	56,637	36,704	67,948	140,734	1022,836	19024,754
<b>36,396</b>	0,784	56,637	34,298	67,948	138,467	1019,610	18964,740
<b>36,792</b>	0,772	56,637	32,103	67,948	136,450	1016,160	18900,569
<b>37,188</b>	0,753	56,637	30,171	67,948	134,728	1012,440	18831,381
<b>37,583</b>	0,726	56,637	28,537	67,948	133,330	1008,422	18756,641

<b>37,979</b>	0,691	56,637	27,219	67,948	132,267	1004,094	18676,142
<b>38,375</b>	0,648	56,637	26,213	67,948	131,532	999,463	18590,020
<b>38,729</b>	0,603	58,127	30,895	67,948	136,503	989,153	18398,250
<b>39,083</b>	0,551	58,127	30,392	67,948	136,326	984,574	18313,076
<b>39,438</b>	0,494	58,127	30,160	67,948	136,413	979,751	18223,370
<b>39,792</b>	0,430	58,127	30,168	67,948	136,723	974,725	18129,882
<b>40,146</b>	0,360	58,127	30,371	67,948	137,204	969,547	18033,578
<b>40,500</b>	0,284	58,127	30,721	67,948	137,795	964,280	17935,605
<b>41,000</b>	0,174	59,011	34,941	67,948	142,399	955,020	17763,363
<b>41,500</b>	0,066	59,011	35,641	67,948	143,233	951,725	17702,083
<b>42,000</b>	-0,038	59,011	36,295	67,948	143,881	948,622	17644,378
<b>42,500</b>	-0,139	59,011	36,882	67,948	144,330	945,724	17590,461
<b>43,000</b>	-0,237	59,011	40,370	67,948	147,442	940,168	17487,125
<b>43,500</b>	-0,332	59,011	42,055	67,948	148,705	936,467	17418,288
<b>44,000</b>	-0,424	59,011	43,710	67,948	149,832	932,907	17352,066
<b>44,500</b>	-0,512	59,011	45,267	67,948	150,770	929,542	17289,480
<b>45,000</b>	-0,598	59,011	46,895	67,948	151,690	926,200	17227,316
<b>45,500</b>	-0,680	59,011	48,120	67,948	152,153	925,736	17218,694
<b>46,000</b>	-0,760	59,011	49,741	67,948	152,925	915,236	17023,395
<b>46,500</b>	-0,836	59,011	51,241	67,948	153,529	917,033	17056,810
<b>47,000</b>	-0,909	59,011	52,752	67,948	154,098	918,869	17090,967
<b>47,500</b>	-0,979	59,011	54,105	67,948	154,484	920,894	17128,623
<b>48,000</b>	-1,046	59,011	55,479	67,948	154,864	922,930	17166,501
<b>48,500</b>	-1,110	59,011	56,676	67,948	155,065	925,151	17207,803
<b>49,000</b>	-1,170	59,011	57,904	67,948	155,287	927,356	17248,819
<b>49,500</b>	-1,228	59,011	58,940	67,948	155,335	929,741	17293,174
<b>50,000</b>	-1,282	59,011	60,019	67,948	155,430	932,084	17336,758
<b>50,500</b>	-1,334	59,011	60,893	67,948	155,356	934,602	17383,593
<b>51,000</b>	-1,382	59,011	61,823	67,948	155,353	937,054	17429,202
<b>51,500</b>	-1,427	59,011	62,535	67,948	155,185	939,676	17477,979
<b>52,000</b>	-1,469	59,011	63,317	67,948	155,112	942,210	17525,104
<b>52,500</b>	-1,508	59,011	63,872	67,948	154,877	944,910	17575,326
<b>53,000</b>	-1,544	59,011	64,510	67,948	154,758	947,500	17623,503
<b>53,500</b>	-1,576	59,011	64,914	67,948	154,481	950,254	17674,719
<b>54,000</b>	-1,606	59,011	65,416	67,948	154,339	952,878	17723,529
<b>54,500</b>	-1,632	59,011	65,677	67,948	154,042	955,663	17775,332
<b>55,000</b>	-1,656	59,011	66,050	67,948	153,898	958,301	17824,402
<b>55,500</b>	-1,676	59,011	66,177	67,948	153,599	961,098	17876,431
<b>56,000</b>	-1,693	59,011	66,430	67,948	153,469	963,733	17925,435
<b>56,500</b>	-1,707	59,011	66,434	67,948	153,187	966,526	17977,375
<b>57,000</b>	-1,718	59,011	66,578	67,948	153,087	969,142	18026,033
<b>57,500</b>	-1,726	59,011	66,471	67,948	152,836	971,915	18077,612
<b>58,000</b>	-1,730	59,011	66,516	67,948	152,778	974,499	18125,689
<b>58,500</b>	-1,732	59,011	66,308	67,948	152,570	977,241	18176,681
<b>59,000</b>	-1,730	59,011	66,265	67,948	152,565	979,784	18223,991
<b>59,500</b>	-1,726	59,011	65,973	67,948	152,413	982,481	18274,145

<b>60,000</b>	-1,718	59,011	65,846	67,948	152,464	984,980	18320,623
<b>60,500</b>	-1,707	59,011	65,481	67,948	152,376	987,624	18369,803
<b>61,000</b>	-1,693	59,011	65,279	67,948	152,487	990,074	18415,375
<b>61,500</b>	-1,676	59,011	64,852	67,948	152,466	992,662	18463,513
<b>62,000</b>	-1,656	59,011	64,583	67,948	152,639	995,062	18508,155
<b>62,500</b>	-1,632	59,011	64,101	67,948	152,686	997,594	18555,246
<b>63,000</b>	-1,606	59,011	63,770	67,948	152,918	999,946	18599,005
<b>63,500</b>	-1,576	59,011	63,238	67,948	153,029	1002,426	18645,121
<b>64,000</b>	-1,544	59,011	62,850	67,948	153,314	1004,738	18688,123
<b>64,500</b>	-1,508	59,011	62,273	67,948	153,480	1007,174	18733,427
<b>65,000</b>	-1,469	59,011	61,828	67,948	153,805	1009,457	18775,896
<b>65,500</b>	-1,427	59,011	61,206	67,948	154,012	1011,863	18820,654
<b>66,000</b>	-1,382	59,011	60,702	67,948	154,359	1014,136	18862,926
<b>66,500</b>	-1,334	59,011	60,030	67,948	154,587	1016,534	18907,529
<b>67,000</b>	-1,282	59,011	59,462	67,948	154,931	1018,821	18950,075
<b>67,500</b>	-1,228	59,011	58,734	67,948	155,150	1021,240	18995,057
<b>68,000</b>	-1,170	59,011	58,092	67,948	155,457	1023,575	19038,502
<b>68,500</b>	-1,110	59,011	57,295	67,948	155,630	1026,052	19084,561
<b>69,000</b>	-1,046	59,011	56,563	67,948	155,858	1028,479	19129,706
<b>69,500</b>	-0,979	59,011	55,681	67,948	155,938	1031,061	19177,726
<b>70,000</b>	-0,909	59,011	54,838	67,948	156,033	1033,633	19225,566
<b>70,500</b>	-0,836	59,011	53,848	67,948	155,961	1036,378	19276,627
<b>71,000</b>	-0,760	59,011	52,870	67,948	155,859	1039,159	19328,361
<b>71,500</b>	-0,680	59,011	51,743	67,948	155,566	1042,137	19383,746
<b>72,000</b>	-0,598	59,011	50,610	67,948	155,205	1045,189	19440,514
<b>72,500</b>	-0,512	59,011	49,320	67,948	154,623	1048,469	19501,521
<b>73,000</b>	-0,424	59,011	47,969	67,948	153,895	1051,900	19565,335
<b>73,500</b>	-0,332	59,011	46,455	67,948	152,915	1055,589	19633,964
<b>74,000</b>	-0,237	59,011	44,837	67,948	151,726	1059,494	19706,583
<b>74,500</b>	-0,139	59,011	41,362	67,948	148,635	1065,307	19814,702
<b>75,000</b>	-0,038	59,011	40,649	67,948	148,066	1068,603	19876,009
<b>75,500</b>	0,066	59,011	39,753	67,948	147,186	1072,216	19943,226
<b>76,000</b>	0,174	59,011	38,663	67,948	145,972	1076,170	20016,767
<b>76,500</b>	0,284	59,011	37,280	67,948	144,323	1080,565	20098,515
<b>76,854</b>	0,360	58,127	32,643	67,948	139,386	1084,898	20179,097
<b>77,208</b>	0,430	58,127	31,950	67,948	138,431	1083,109	20145,820
<b>77,563</b>	0,494	58,127	31,508	67,948	137,701	1078,676	20063,380
<b>77,917</b>	0,551	58,127	31,367	67,948	137,257	1073,982	19976,060
<b>78,271</b>	0,603	58,127	31,564	67,948	137,140	1068,980	19883,033
<b>78,625</b>	0,648	58,127	32,123	67,948	137,382	1063,642	19783,737
<b>79,021</b>	0,691	56,637	27,457	67,948	132,495	1063,455	19780,255
<b>79,417</b>	0,726	56,637	28,668	67,948	133,455	1057,442	19668,413
<b>79,813</b>	0,753	56,637	30,234	67,948	134,788	1050,486	19539,043
<b>80,208</b>	0,772	56,637	32,124	67,948	136,470	1043,208	19403,663
<b>80,604</b>	0,784	56,637	34,296	67,948	138,465	1035,643	19262,959
<b>81,000</b>	0,788	56,637	36,691	67,948	140,722	1027,844	19117,891

<b>81,396</b>	0,784	56,637	34,306	67,948	138,475	1024,573	19057,059
<b>81,792</b>	0,772	56,637	32,134	67,948	136,480	1021,077	18992,041
<b>82,188</b>	0,753	56,637	30,218	67,948	134,772	1017,320	18922,143
<b>82,583</b>	0,726	56,637	28,589	67,948	133,379	1013,274	18846,891
<b>82,979</b>	0,691	56,637	27,265	67,948	132,311	1008,928	18766,055
<b>83,375</b>	0,648	56,637	26,254	67,948	131,571	1004,280	18679,608
<b>83,729</b>	0,603	58,127	30,939	67,948	136,545	993,943	18487,339
<b>84,083</b>	0,551	58,127	30,429	67,948	136,362	988,789	18391,483
<b>84,438</b>	0,494	58,127	30,190	67,948	136,442	983,955	18301,569
<b>84,792</b>	0,430	58,127	30,190	67,948	136,745	978,918	18207,881
<b>85,146</b>	0,360	58,127	30,387	67,948	137,219	973,730	18111,377
<b>85,500</b>	0,284	58,127	30,728	67,948	137,803	968,452	18013,204
<b>86,000</b>	0,174	59,011	34,941	67,948	142,398	959,182	17840,791
<b>86,500</b>	0,066	59,011	35,633	67,948	143,225	953,701	17738,834
<b>87,000</b>	-0,038	59,011	36,273	67,948	143,860	950,607	17681,295
<b>87,500</b>	-0,139	59,011	36,844	67,948	144,294	947,719	17627,570
<b>88,000</b>	-0,237	59,011	40,155	67,948	147,235	942,329	17527,328
<b>88,500</b>	-0,332	59,011	41,765	67,948	148,428	938,694	17459,717
<b>89,000</b>	-0,424	59,011	43,351	67,948	149,490	935,195	17394,622
<b>89,500</b>	-0,512	59,011	44,845	67,948	150,369	931,884	17333,044
<b>90,000</b>	-0,598	59,011	46,414	67,948	151,235	928,592	17271,814
<b>90,500</b>	-0,680	59,011	47,604	67,948	151,667	925,739	17218,749
<b>91,000</b>	-0,760	59,011	49,190	67,948	152,409	924,997	17204,951
<b>91,500</b>	-0,836	59,011	50,643	67,948	152,972	915,190	17022,529
<b>92,000</b>	-0,909	59,011	52,112	67,948	153,504	917,058	17057,278
<b>92,500</b>	-0,979	59,011	53,426	67,948	153,857	919,110	17095,439
<b>93,000</b>	-1,046	59,011	54,763	67,948	154,208	921,170	17133,766
<b>93,500</b>	-1,110	59,011	55,928	67,948	154,384	923,411	17175,440
<b>94,000</b>	-1,170	59,011	57,127	67,948	154,583	925,633	17216,776
<b>94,500</b>	-1,228	59,011	58,138	67,948	154,612	928,031	17261,381
<b>95,000</b>	-1,282	59,011	59,194	67,948	154,691	930,385	17305,169
<b>95,500</b>	-1,334	59,011	60,049	67,948	154,603	932,911	17352,146
<b>96,000</b>	-1,382	59,011	60,961	67,948	154,589	935,368	17397,853
<b>96,500</b>	-1,427	59,011	61,660	67,948	154,413	937,993	17446,676
<b>97,000</b>	-1,469	59,011	62,431	67,948	154,334	940,527	17493,806
<b>97,500</b>	-1,508	59,011	62,978	67,948	154,096	943,225	17543,990
<b>98,000</b>	-1,544	59,011	63,611	67,948	153,976	945,811	17592,089
<b>98,500</b>	-1,576	59,011	64,012	67,948	153,700	948,559	17643,191
<b>99,000</b>	-1,606	59,011	64,513	67,948	153,560	951,175	17691,850
<b>99,500</b>	-1,632	59,011	64,776	67,948	153,267	953,950	17743,471
<b>100,000</b>	-1,656	59,011	65,153	67,948	153,129	956,577	17792,327
<b>100,500</b>	-1,676	59,011	65,286	67,948	152,838	959,361	17844,116
<b>101,000</b>	-1,693	59,011	65,549	67,948	152,717	961,981	17892,848
<b>101,500</b>	-1,707	59,011	65,563	67,948	152,445	964,758	17944,495
<b>102,000</b>	-1,718	59,011	65,719	67,948	152,356	967,356	17992,830
<b>102,500</b>	-1,726	59,011	65,625	67,948	152,117	970,111	18044,071

<b>103,000</b>	-1,730	59,011	65,687	67,948	152,074	972,676	18091,780
<b>103,500</b>	-1,732	59,011	65,496	67,948	151,880	975,397	18142,393
<b>104,000</b>	-1,730	59,011	65,472	67,948	151,891	977,919	18189,296
<b>104,500</b>	-1,726	59,011	65,201	67,948	151,756	980,593	18239,025
<b>105,000</b>	-1,718	59,011	65,095	67,948	151,825	983,068	18285,069
<b>105,500</b>	-1,707	59,011	64,754	67,948	151,756	985,688	18333,792
<b>106,000</b>	-1,693	59,011	64,576	67,948	151,887	988,113	18378,900
<b>106,500</b>	-1,676	59,011	64,174	67,948	151,886	990,675	18426,551
<b>107,000</b>	-1,656	59,011	63,930	67,948	152,080	993,049	18470,703
<b>107,500</b>	-1,632	59,011	63,475	67,948	152,148	995,553	18517,282
<b>108,000</b>	-1,606	59,011	63,172	67,948	152,402	997,878	18560,527
<b>108,500</b>	-1,576	59,011	62,669	67,948	152,536	1000,329	18606,111
<b>109,000</b>	-1,544	59,011	62,310	67,948	152,843	1002,612	18648,580
<b>109,500</b>	-1,508	59,011	61,762	67,948	153,034	1005,018	18693,335
<b>110,000</b>	-1,469	59,011	61,346	67,948	153,382	1007,272	18735,254
<b>110,500</b>	-1,427	59,011	60,754	67,948	153,614	1009,648	18779,450
<b>111,000</b>	-1,382	59,011	60,280	67,948	153,985	1011,890	18821,162
<b>111,500</b>	-1,334	59,011	59,638	67,948	154,237	1014,258	18865,195
<b>112,000</b>	-1,282	59,011	59,100	67,948	154,606	1016,515	18907,174
<b>112,500</b>	-1,228	59,011	58,401	67,948	154,850	1018,902	18951,584
<b>113,000</b>	-1,170	59,011	57,788	67,948	155,182	1021,208	18994,462
<b>113,500</b>	-1,110	59,011	57,020	67,948	155,379	1023,653	19039,954
<b>114,000</b>	-1,046	59,011	56,315	67,948	155,632	1026,050	19084,539
<b>114,500</b>	-0,979	59,011	55,461	67,948	155,735	1028,602	19132,003
<b>115,000</b>	-0,909	59,011	54,645	67,948	155,853	1031,145	19179,297
<b>115,500</b>	-0,836	59,011	53,680	67,948	155,804	1033,861	19229,823
<b>116,000</b>	-0,760	59,011	52,726	67,948	155,724	1036,615	19281,036
<b>116,500</b>	-0,680	59,011	51,622	67,948	155,453	1039,565	19335,913
<b>117,000</b>	-0,598	59,011	50,520	67,948	155,121	1042,582	19392,027
<b>117,500</b>	-0,512	59,011	49,258	67,948	154,564	1045,831	19452,449
<b>118,000</b>	-0,424	59,011	47,930	67,948	153,857	1049,234	19515,752
<b>118,500</b>	-0,332	59,011	46,434	67,948	152,894	1052,901	19583,953
<b>119,000</b>	-0,237	59,011	44,828	67,948	151,717	1056,787	19656,231
<b>119,500</b>	-0,139	59,011	41,335	67,948	148,608	1062,611	19764,566
<b>120,000</b>	-0,038	59,011	40,641	67,948	148,058	1065,883	19825,417
<b>120,500</b>	0,066	59,011	39,768	67,948	147,201	1069,468	19892,110
<b>121,000</b>	0,174	59,011	38,707	67,948	146,014	1073,388	19965,022
<b>121,500</b>	0,284	59,011	37,356	67,948	144,396	1077,746	20046,081
<b>121,854</b>	0,360	58,127	32,735	67,948	139,474	1085,415	20188,712
<b>122,208</b>	0,430	58,127	32,063	67,948	138,539	1085,745	20194,858
<b>122,563</b>	0,494	58,127	31,642	67,948	137,830	1083,709	20156,993
<b>122,917</b>	0,551	58,127	31,522	67,948	137,405	1078,973	20068,901
<b>123,271</b>	0,603	58,127	31,740	67,948	137,307	1073,931	19975,123
<b>123,625</b>	0,648	58,127	32,317	67,948	137,567	1068,553	19875,093
<b>124,021</b>	0,691	56,637	27,627	67,948	132,658	1068,366	19871,611
<b>124,417</b>	0,726	56,637	28,853	67,948	133,632	1062,318	19759,115

<b>124,813</b>	0,753	56,637	30,432	67,948	134,977	1055,919	19640,097
<b>125,208</b>	0,772	56,637	32,335	67,948	136,671	1048,603	19504,020
<b>125,604</b>	0,784	56,637	34,516	67,948	138,675	1041,003	19362,648
<b>126,000</b>	0,788	56,637	36,919	67,948	140,939	1033,169	19216,951
<b>126,396</b>	0,784	56,637	34,531	67,948	138,689	1029,876	19155,695
<b>126,792</b>	0,772	56,637	32,350	67,948	136,686	1026,362	19090,339
<b>127,188</b>	0,753	56,637	30,423	67,948	134,968	1022,589	19020,159
<b>127,583</b>	0,726	56,637	28,780	67,948	133,562	1018,530	18944,660
<b>127,979</b>	0,691	56,637	27,441	67,948	132,480	1014,172	18863,601
<b>128,375</b>	0,648	56,637	26,414	67,948	131,725	1009,514	18776,961
<b>128,729</b>	0,603	58,127	31,122	67,948	136,719	999,132	18583,847
<b>129,083</b>	0,551	58,127	30,592	67,948	136,517	993,972	18487,874
<b>129,438</b>	0,494	58,127	30,331	67,948	136,576	988,575	18387,487
<b>129,792</b>	0,430	58,127	30,309	67,948	136,859	983,538	18293,810
<b>130,146</b>	0,360	58,127	30,483	67,948	137,312	978,351	18197,336
<b>130,500</b>	0,284	58,127	30,802	67,948	137,874	973,075	18099,200
<b>131,000</b>	0,174	59,011	34,991	67,948	142,446	963,808	17926,837
<b>131,500</b>	0,066	59,011	35,651	67,948	143,243	958,338	17825,079
<b>132,000</b>	-0,038	59,011	36,263	67,948	143,850	953,076	17727,216
<b>132,500</b>	-0,139	59,011	36,809	67,948	144,261	950,206	17673,831
<b>133,000</b>	-0,237	59,011	40,268	67,948	147,344	944,669	17570,839
<b>133,500</b>	-0,332	59,011	41,926	67,948	148,581	940,983	17502,291
<b>134,000</b>	-0,424	59,011	43,559	67,948	149,688	937,434	17436,276
<b>134,500</b>	-0,512	59,011	45,098	67,948	150,610	934,075	17373,796
<b>135,000</b>	-0,598	59,011	46,713	67,948	151,517	930,736	17311,687
<b>135,500</b>	-0,680	59,011	47,947	67,948	151,990	927,836	17257,758
<b>136,000</b>	-0,760	59,011	49,577	67,948	152,772	924,634	17198,192
<b>136,500</b>	-0,836	59,011	51,073	67,948	153,372	924,034	17187,025
<b>137,000</b>	-0,909	59,011	52,582	67,948	153,940	914,222	17004,520
<b>137,500</b>	-0,979	59,011	53,936	67,948	154,328	916,234	17041,944
<b>138,000</b>	-1,046	59,011	55,312	67,948	154,711	918,256	17079,561
<b>138,500</b>	-1,110	59,011	56,514	67,948	154,918	920,460	17120,551
<b>139,000</b>	-1,170	59,011	57,750	67,948	155,147	922,647	17161,232
<b>139,500</b>	-1,228	59,011	58,795	67,948	155,205	925,011	17205,207
<b>140,000</b>	-1,282	59,011	59,886	67,948	155,310	927,333	17248,392
<b>140,500</b>	-1,334	59,011	60,773	67,948	155,248	929,827	17294,790
<b>141,000</b>	-1,382	59,011	61,717	67,948	155,259	932,255	17339,944
<b>141,500</b>	-1,427	59,011	62,445	67,948	155,106	934,852	17388,239
<b>142,000</b>	-1,469	59,011	63,245	67,948	155,048	937,358	17434,864
<b>142,500</b>	-1,508	59,011	63,819	67,948	154,831	940,030	17484,567
<b>143,000</b>	-1,544	59,011	64,478	67,948	154,730	942,592	17532,208
<b>143,500</b>	-1,576	59,011	64,903	67,948	154,471	945,316	17582,874
<b>144,000</b>	-1,606	59,011	65,427	67,948	154,349	947,910	17631,121
<b>144,500</b>	-1,632	59,011	65,710	67,948	154,071	950,664	17682,351
<b>145,000</b>	-1,656	59,011	66,107	67,948	153,947	953,271	17730,837
<b>145,500</b>	-1,676	59,011	66,258	67,948	153,669	956,036	17782,278

<b>146,000</b>	-1,693	59,011	66,536	67,948	153,560	958,639	17830,683
<b>146,500</b>	-1,707	59,011	66,565	67,948	153,299	961,399	17882,026
<b>147,000</b>	-1,718	59,011	66,734	67,948	153,220	963,983	17930,076
<b>147,500</b>	-1,726	59,011	66,651	67,948	152,989	966,723	17981,054
<b>148,000</b>	-1,730	59,011	66,722	67,948	152,953	969,275	18028,522
<b>148,500</b>	-1,732	59,011	66,539	67,948	152,766	971,985	18078,916
<b>149,000</b>	-1,730	59,011	66,520	67,948	152,782	974,496	18125,621
<b>149,500</b>	-1,726	59,011	66,253	67,948	152,651	977,160	18175,176
<b>150,000</b>	-1,718	59,011	66,149	67,948	152,722	979,627	18221,069
<b>150,500</b>	-1,707	59,011	65,808	67,948	152,654	982,240	18269,665
<b>151,000</b>	-1,693	59,011	65,627	67,948	152,784	984,660	18314,670
<b>151,500</b>	-1,676	59,011	65,221	67,948	152,782	987,217	18362,244
<b>152,000</b>	-1,656	59,011	64,971	67,948	152,973	989,588	18406,345
<b>152,500</b>	-1,632	59,011	64,508	67,948	153,037	992,091	18452,902
<b>153,000</b>	-1,606	59,011	64,194	67,948	153,284	994,417	18496,153
<b>153,500</b>	-1,576	59,011	63,678	67,948	153,411	996,870	18541,773
<b>154,000</b>	-1,544	59,011	63,304	67,948	153,708	999,156	18584,310
<b>154,500</b>	-1,508	59,011	62,739	67,948	153,887	1001,568	18629,166
<b>155,000</b>	-1,469	59,011	62,304	67,948	154,222	1003,829	18671,221
<b>155,500</b>	-1,427	59,011	61,689	67,948	154,439	1006,215	18715,590
<b>156,000</b>	-1,382	59,011	61,191	67,948	154,793	1008,468	18757,513
<b>156,500</b>	-1,334	59,011	60,523	67,948	155,026	1010,849	18801,798
<b>157,000</b>	-1,282	59,011	59,956	67,948	155,373	1013,122	18844,071
<b>157,500</b>	-1,228	59,011	59,226	67,948	155,593	1015,528	18888,819
<b>158,000</b>	-1,170	59,011	58,578	67,948	155,898	1017,854	18932,081
<b>158,500</b>	-1,110	59,011	57,774	67,948	156,067	1020,323	18978,006
<b>159,000</b>	-1,046	59,011	57,030	67,948	156,287	1022,746	19023,075
<b>159,500</b>	-0,979	59,011	56,134	67,948	156,355	1025,327	19071,076
<b>160,000</b>	-0,909	59,011	55,273	67,948	156,436	1027,901	19118,962
<b>160,500</b>	-0,836	59,011	54,261	67,948	156,346	1030,652	19170,136
<b>161,000</b>	-0,760	59,011	53,257	67,948	156,222	1033,444	19222,055
<b>161,500</b>	-0,680	59,011	52,101	67,948	155,903	1036,435	19277,697
<b>162,000</b>	-0,598	59,011	50,946	67,948	155,524	1039,494	19334,591
<b>162,500</b>	-0,512	59,011	49,627	67,948	154,914	1042,789	19395,868
<b>163,000</b>	-0,424	59,011	48,239	67,948	154,152	1046,242	19460,103
<b>163,500</b>	-0,332	59,011	46,678	67,948	153,128	1049,963	19529,313
<b>164,000</b>	-0,237	59,011	45,005	67,948	151,887	1053,908	19602,680
<b>164,500</b>	-0,139	59,011	43,150	67,948	150,352	1058,152	19681,631
<b>165,000</b>	-0,038	59,011	40,668	67,948	148,085	1063,135	19774,308
<b>165,500</b>	0,066	59,011	39,720	67,948	147,154	1066,787	19842,240
<b>166,000</b>	0,174	59,011	38,578	67,948	145,891	1070,778	19916,467
<b>166,500</b>	0,284	59,011	37,143	67,948	144,192	1075,211	19998,919
<b>166,854</b>	0,360	58,127	32,495	67,948	139,244	1082,898	20141,908
<b>167,208</b>	0,430	58,127	31,774	67,948	138,262	1086,626	20211,247
<b>167,563</b>	0,494	58,127	31,308	67,948	137,510	1086,774	20213,994
<b>167,917</b>	0,551	58,127	31,145	67,948	137,045	1084,494	20171,592

<b>168,271</b>	0,603	58,127	31,324	67,948	136,911	1079,467	20078,080
<b>168,625</b>	0,648	58,127	31,866	67,948	137,139	1074,100	19978,256
<b>169,021</b>	0,691	56,637	27,241	67,948	132,289	1073,832	19973,266
<b>169,417</b>	0,726	56,637	28,444	67,948	133,240	1067,784	19860,778
<b>169,813</b>	0,753	56,637	30,003	67,948	134,568	1061,382	19741,706
<b>170,208</b>	0,772	56,637	31,890	67,948	136,247	1054,650	19616,482
<b>170,604</b>	0,784	56,637	34,061	67,948	138,241	1047,033	19474,812
<b>171,000</b>	0,788	56,637	36,457	67,948	140,499	1039,179	19328,734
<b>171,396</b>	0,784	56,637	34,091	67,948	138,270	1035,838	19266,596
<b>171,792</b>	0,772	56,637	31,936	67,948	136,291	1032,274	19200,299
<b>172,188</b>	0,753	56,637	30,038	67,948	134,601	1028,447	19129,118
<b>172,583</b>	0,726	56,637	28,428	67,948	133,225	1024,332	19052,575
<b>172,979</b>	0,691	56,637	27,123	67,948	132,176	1019,916	18970,438
<b>173,375</b>	0,648	56,637	26,132	67,948	131,454	1015,198	18882,686
<b>173,729</b>	0,603	58,127	30,808	67,948	136,421	1004,818	18689,623
<b>174,083</b>	0,551	58,127	30,320	67,948	136,257	999,594	18592,443
<b>174,438</b>	0,494	58,127	30,102	67,948	136,357	994,131	18490,843
<b>174,792</b>	0,430	58,127	30,122	67,948	136,679	988,472	18385,587
<b>175,146</b>	0,360	58,127	30,336	67,948	137,170	983,227	18288,018
<b>175,500</b>	0,284	58,127	30,694	67,948	137,770	977,893	18188,817
<b>176,000</b>	0,174	59,011	34,921	67,948	142,380	968,569	18015,386
<b>176,500</b>	0,066	59,011	35,628	67,948	143,221	963,034	17912,435
<b>177,000</b>	-0,038	59,011	36,275	67,948	143,861	957,720	17813,583
<b>177,500</b>	-0,139	59,011	38,558	67,948	145,940	950,986	17688,332
<b>178,000</b>	-0,237	59,011	40,311	67,948	147,386	947,081	17615,709
<b>178,500</b>	-0,332	59,011	41,970	67,948	148,624	943,389	17547,040
<b>179,000</b>	-0,424	59,011	43,595	67,948	149,722	939,843	17481,073
<b>179,500</b>	-0,512	59,011	45,117	67,948	150,628	936,495	17418,800
<b>180,000</b>	-0,598	59,011	46,706	67,948	151,510	933,175	17357,046
<b>180,500</b>	-0,680	59,011	47,906	67,948	151,951	930,302	17303,612
<b>181,000</b>	-0,760	59,011	49,491	67,948	152,691	927,136	17244,725
<b>181,500</b>	-0,836	59,011	50,934	67,948	153,242	924,164	17189,441
<b>182,000</b>	-0,909	59,011	52,382	67,948	153,755	923,651	17179,914
<b>182,500</b>	-0,979	59,011	53,669	67,948	154,082	914,080	17001,885
<b>183,000</b>	-1,046	59,011	54,971	67,948	154,398	916,163	17040,636
<b>183,500</b>	-1,110	59,011	56,094	67,948	154,534	918,433	17082,845
<b>184,000</b>	-1,170	59,011	57,244	67,948	154,689	920,689	17124,822
<b>184,500</b>	-1,228	59,011	58,199	67,948	154,667	923,127	17170,161
<b>185,000</b>	-1,282	59,011	59,195	67,948	154,691	925,525	17214,766
<b>185,500</b>	-1,334	59,011	59,983	67,948	154,545	928,099	17262,637
<b>186,000</b>	-1,382	59,011	60,825	67,948	154,468	930,608	17309,305
<b>186,500</b>	-1,427	59,011	61,448	67,948	154,227	933,288	17359,148
<b>187,000</b>	-1,469	59,011	62,140	67,948	154,079	935,879	17407,349
<b>187,500</b>	-1,508	59,011	62,605	67,948	153,770	938,637	17458,649
<b>188,000</b>	-1,544	59,011	63,152	67,948	153,576	941,285	17507,900
<b>188,500</b>	-1,576	59,011	63,465	67,948	153,225	944,096	17560,186

<b>189,000</b>	-1,606	59,011	63,876	67,948	153,010	946,777	17610,052
<b>189,500</b>	-1,632	59,011	64,047	67,948	152,640	949,618	17662,900
<b>190,000</b>	-1,656	59,011	64,331	67,948	152,424	952,311	17712,993
<b>190,500</b>	-1,676	59,011	64,371	67,948	152,055	955,163	17766,027
<b>191,000</b>	-1,693	59,011	64,540	67,948	151,856	957,850	17816,003
<b>191,500</b>	-1,707	59,011	64,460	67,948	151,506	960,693	17868,892
<b>192,000</b>	-1,718	59,011	64,525	67,948	151,340	963,358	17918,457
<b>192,500</b>	-1,726	59,011	64,339	67,948	151,024	966,178	17970,913
<b>193,000</b>	-1,730	59,011	64,311	67,948	150,905	968,807	18019,817
<b>193,500</b>	-1,732	59,011	64,033	67,948	150,637	971,591	18071,597
<b>194,000</b>	-1,730	59,011	63,718	67,948	150,402	974,348	18122,877
<b>194,500</b>	-1,726	59,011	63,565	67,948	150,367	976,911	18170,544
<b>195,000</b>	-1,718	59,011	63,387	67,948	150,372	979,439	18217,563
<b>195,500</b>	-1,707	59,011	62,971	67,948	150,237	982,112	18267,290
<b>196,000</b>	-1,693	59,011	62,723	67,948	150,305	984,589	18313,347
<b>196,500</b>	-1,676	59,011	62,256	67,948	150,246	987,198	18361,884
<b>197,000</b>	-1,656	59,011	61,953	67,948	150,384	989,616	18406,853
<b>197,500</b>	-1,632	59,011	61,444	67,948	150,401	992,160	18454,172
<b>198,000</b>	-1,606	59,011	60,922	67,948	150,460	994,669	18500,835
<b>198,500</b>	-1,576	59,011	60,528	67,948	150,681	997,020	18544,578
<b>199,000</b>	-1,544	59,011	60,158	67,948	150,971	999,309	18587,148
<b>199,500</b>	-1,508	59,011	59,584	67,948	151,131	1001,734	18632,254
<b>200,000</b>	-1,469	59,011	59,152	67,948	151,455	1004,000	18674,404
<b>200,500</b>	-1,427	59,011	58,550	67,948	151,670	1006,382	18718,701
<b>201,000</b>	-1,382	59,011	58,077	67,948	152,031	1008,622	18760,372
<b>201,500</b>	-1,334	59,011	57,445	67,948	152,282	1010,979	18804,214
<b>202,000</b>	-1,282	59,011	56,927	67,948	152,658	1013,217	18845,837
<b>202,500</b>	-1,228	59,011	56,260	67,948	152,919	1015,576	18889,717
<b>203,000</b>	-1,170	59,011	55,688	67,948	153,278	1017,843	18931,876
<b>203,500</b>	-1,110	59,011	54,973	67,948	153,513	1020,239	18976,449
<b>204,000</b>	-1,046	59,011	54,334	67,948	153,814	1022,575	19019,901
<b>204,500</b>	-0,979	59,011	53,557	67,948	153,979	1025,054	19066,005
<b>205,000</b>	-0,909	59,011	52,832	67,948	154,171	1027,511	19111,698
<b>205,500</b>	-0,836	59,011	51,971	67,948	154,210	1030,127	19160,369
<b>206,000</b>	-0,760	59,011	51,134	67,948	154,232	1032,767	19209,460
<b>206,500</b>	-0,680	59,011	50,164	67,948	154,079	1035,587	19261,914
<b>207,000</b>	-0,598	59,011	49,213	67,948	153,883	1038,456	19315,277
<b>207,500</b>	-0,512	59,011	48,115	67,948	153,477	1041,541	19372,663
<b>208,000</b>	-0,424	59,011	46,965	67,948	152,938	1044,765	19432,637
<b>208,500</b>	-0,332	59,011	45,663	67,948	152,157	1048,237	19497,209
<b>209,000</b>	-0,237	59,011	44,268	67,948	151,180	1051,911	19565,554
<b>209,500</b>	-0,139	59,011	41,094	67,948	148,377	1057,418	19667,969
<b>210,000</b>	-0,038	59,011	40,574	67,948	147,994	1060,510	19725,487
<b>210,500</b>	0,066	59,011	39,887	67,948	147,315	1063,905	19788,627
<b>211,000</b>	0,174	59,011	39,025	67,948	146,320	1067,621	19857,749
<b>211,500</b>	0,284	59,011	37,886	67,948	144,904	1071,765	19934,821

<b>211,854</b>	0,360	58,127	33,311	67,948	140,028	1079,375	20076,376
<b>212,208</b>	0,430	58,127	32,759	67,948	139,206	1082,936	20142,615
<b>212,563</b>	0,494	58,127	32,451	67,948	138,603	1086,286	20204,912
<b>212,917</b>	0,551	58,127	32,435	67,948	138,276	1086,008	20199,758
<b>213,271</b>	0,603	58,127	32,748	67,948	138,267	1083,272	20148,859
<b>213,625</b>	0,648	58,127	33,413	67,948	138,608	1077,770	20046,516
<b>214,021</b>	0,691	56,637	28,566	67,948	133,556	1077,682	20044,885
<b>214,417</b>	0,726	56,637	29,851	67,948	134,586	1071,535	19930,550
<b>214,813</b>	0,753	56,637	31,480	67,948	135,977	1065,047	19809,870
<b>215,208</b>	0,772	56,637	33,422	67,948	137,708	1058,242	19683,295
<b>215,604</b>	0,784	56,637	35,634	67,948	139,741	1051,155	19551,490
<b>216,000</b>	0,788	56,637	38,060	67,948	142,026	1043,248	19404,410
<b>216,396</b>	0,784	56,637	35,619	67,948	139,726	1039,952	19343,099
<b>216,792</b>	0,772	56,637	33,376	67,948	137,664	1036,445	19277,869
<b>217,188</b>	0,753	56,637	31,377	67,948	135,879	1032,686	19207,964
<b>217,583</b>	0,726	56,637	29,657	67,948	134,399	1028,649	19132,864
<b>217,979</b>	0,691	56,637	28,234	67,948	133,239	1024,318	19052,313
<b>218,375</b>	0,648	56,637	27,119	67,948	132,401	1019,691	18966,261
<b>218,729</b>	0,603	58,127	31,908	67,948	137,467	1009,185	18770,846
<b>219,083</b>	0,551	58,127	31,273	67,948	137,167	1004,072	18675,740
<b>219,438</b>	0,494	58,127	30,909	67,948	137,129	998,722	18576,237
<b>219,792</b>	0,430	58,127	30,783	67,948	137,313	993,175	18473,061
<b>220,146</b>	0,360	58,127	30,856	67,948	137,670	987,482	18367,157
<b>220,500</b>	0,284	58,127	31,077	67,948	138,138	982,259	18270,015
<b>221,000</b>	0,174	59,011	35,168	67,948	142,616	973,047	18098,665
<b>221,500</b>	0,066	59,011	35,712	67,948	143,302	967,647	17998,237
<b>222,000</b>	-0,038	59,011	36,232	67,948	143,820	962,435	17901,282
<b>222,500</b>	-0,139	59,011	36,712	67,948	144,167	957,413	17807,887
<b>223,000</b>	-0,237	59,011	40,083	67,948	147,167	949,759	17665,527
<b>223,500</b>	-0,332	59,011	41,717	67,948	148,381	946,085	17597,187
<b>224,000</b>	-0,424	59,011	43,356	67,948	149,495	942,518	17530,839
<b>224,500</b>	-0,512	59,011	44,931	67,948	150,451	939,114	17467,514
<b>225,000</b>	-0,598	59,011	46,609	67,948	151,419	935,703	17404,080
<b>225,500</b>	-0,680	59,011	47,926	67,948	151,970	932,715	17348,502
<b>226,000</b>	-0,760	59,011	49,654	67,948	152,844	929,409	17287,006
<b>226,500</b>	-0,836	59,011	51,269	67,948	153,555	926,272	17228,655
<b>227,000</b>	-0,909	59,011	52,916	67,948	154,249	923,156	17170,709
<b>227,500</b>	-0,979	59,011	54,425	67,948	154,779	922,627	17160,855
<b>228,000</b>	-1,046	59,011	55,973	67,948	155,318	912,604	16974,437
<b>228,500</b>	-1,110	59,011	57,363	67,948	155,692	914,629	17012,106
<b>229,000</b>	-1,170	59,011	58,800	67,948	156,099	916,627	17049,262
<b>229,500</b>	-1,228	59,011	60,059	67,948	156,344	918,792	17089,538
<b>230,000</b>	-1,282	59,011	61,375	67,948	156,646	920,907	17128,864
<b>230,500</b>	-1,334	59,011	62,498	67,948	156,787	923,187	17171,276
<b>231,000</b>	-1,382	59,011	63,687	67,948	157,007	925,394	17212,323
<b>231,500</b>	-1,427	59,011	64,669	67,948	157,068	927,765	17256,422

<b>232,000</b>	-1,469	59,011	65,728	67,948	157,229	930,041	17298,769
<b>232,500</b>	-1,508	59,011	66,567	67,948	157,232	932,481	17344,141
<b>233,000</b>	-1,544	59,011	67,495	67,948	157,355	934,806	17387,400
<b>233,500</b>	-1,576	59,011	68,192	67,948	157,322	937,294	17433,666
<b>234,000</b>	-1,606	59,011	68,991	67,948	157,425	939,650	17477,490
<b>234,500</b>	-1,632	59,011	69,548	67,948	157,373	942,167	17524,310
<b>235,000</b>	-1,656	59,011	70,219	67,948	157,474	944,537	17568,392
<b>235,500</b>	-1,676	59,011	70,641	67,948	157,419	947,068	17615,470
<b>236,000</b>	-1,693	59,011	71,189	67,948	157,531	949,438	17659,545
<b>236,500</b>	-1,707	59,011	71,481	67,948	157,487	951,969	17706,625
<b>237,000</b>	-1,718	59,011	71,910	67,948	157,622	954,327	17750,475
<b>237,500</b>	-1,726	59,011	72,078	67,948	157,601	956,847	17797,346
<b>238,000</b>	-1,730	59,011	72,392	67,948	157,769	959,183	17840,796
<b>238,500</b>	-1,732	59,011	72,444	67,948	157,780	961,682	17887,285
<b>239,000</b>	-1,730	59,011	72,648	67,948	157,986	963,990	17930,222
<b>239,500</b>	-1,726	59,011	72,593	67,948	158,039	966,459	17976,142
<b>240,000</b>	-1,718	59,011	72,688	67,948	158,284	968,740	18018,567
<b>240,500</b>	-1,707	59,011	72,531	67,948	158,382	971,175	18063,862
<b>241,000</b>	-1,693	59,011	72,519	67,948	158,667	973,428	18105,767
<b>241,500</b>	-1,676	59,011	72,266	67,948	158,809	975,830	18150,444
<b>242,000</b>	-1,656	59,011	72,150	67,948	159,130	978,058	18191,884
<b>242,500</b>	-1,632	59,011	71,802	67,948	159,312	980,432	18236,026
<b>243,000</b>	-1,606	59,011	71,582	67,948	159,663	982,642	18277,139
<b>243,500</b>	-1,576	59,011	71,140	67,948	159,876	984,995	18320,913
<b>244,000</b>	-1,544	59,011	70,815	67,948	160,243	987,200	18361,926
<b>244,500</b>	-1,508	59,011	70,276	67,948	160,473	989,549	18405,603
<b>245,000</b>	-1,469	59,011	69,842	67,948	160,840	991,766	18446,852
<b>245,500</b>	-1,427	59,011	69,201	67,948	161,066	994,130	18490,818
<b>246,000</b>	-1,382	59,011	68,649	67,948	161,406	996,385	18532,767
<b>246,500</b>	-1,334	59,011	67,897	67,948	161,600	998,793	18577,546
<b>247,000</b>	-1,282	59,011	67,217	67,948	161,882	1001,119	18620,805
<b>247,500</b>	-1,228	59,011	66,341	67,948	162,007	1003,606	18667,077
<b>248,000</b>	-1,170	59,011	65,516	67,948	162,189	1006,044	18712,423
<b>248,500</b>	-1,110	59,011	64,499	67,948	162,199	1008,658	18761,045
<b>249,000</b>	-1,046	59,011	63,508	67,948	162,228	1011,260	18809,440
<b>249,500</b>	-0,979	59,011	62,327	67,948	162,069	1014,057	18861,458
<b>250,000</b>	-0,909	59,011	61,145	67,948	161,883	1016,885	18914,064
<b>250,500</b>	-0,836	59,011	59,772	67,948	161,485	1019,932	18970,726
<b>251,000</b>	-0,760	59,011	58,366	67,948	161,012	1023,060	19028,910
<b>251,500</b>	-0,680	59,011	56,784	67,948	160,316	1026,416	19091,344
<b>252,000</b>	-0,598	59,011	55,142	67,948	159,495	1029,903	19156,198
<b>252,500</b>	-0,512	59,011	53,291	67,948	158,397	1033,674	19226,344
<b>253,000</b>	-0,424	59,011	51,325	67,948	157,096	1037,653	19300,354
<b>253,500</b>	-0,332	59,011	49,139	67,948	155,483	1041,951	19380,292
<b>254,000</b>	-0,237	59,011	46,793	67,948	153,602	1046,523	19465,330
<b>254,500</b>	-0,139	59,011	44,214	67,948	151,374	1051,448	19556,924

<b>255,000</b>	-0,038	59,011	41,423	67,948	148,810	1056,714	19654,879
<b>255,500</b>	0,066	59,011	38,381	67,948	145,867	1062,366	19760,001
<b>256,000</b>	0,174	59,011	37,172	67,948	144,541	1066,407	19835,166
<b>256,500</b>	0,284	59,011	34,811	67,948	141,958	1071,710	19933,813
<b>256,854</b>	0,360	58,127	29,941	67,948	136,791	1079,605	20080,657
<b>257,208</b>	0,430	58,127	28,692	67,948	135,309	1083,820	20159,059
<b>257,563</b>	0,494	58,127	27,733	67,948	134,092	1087,777	20232,647
<b>257,917</b>	0,551	58,127	27,114	67,948	133,198	1091,416	20300,329
<b>258,271</b>	0,603	58,127	26,873	67,948	132,673	1091,336	20298,846
<b>258,625</b>	0,648	58,127	27,034	67,948	132,548	1088,717	20250,137
<b>259,021</b>	0,691	56,637	23,106	67,948	128,331	1087,774	20232,591
<b>259,417</b>	0,726	56,637	24,049	67,948	129,041	1081,925	20123,808
<b>259,813</b>	0,753	56,637	25,402	67,948	130,176	1075,673	20007,525
<b>260,208</b>	0,772	56,637	27,138	67,948	131,715	1069,039	19884,134
<b>260,604</b>	0,784	56,637	29,211	67,948	133,619	1062,062	19754,354
<b>261,000</b>	0,788	56,637	31,558	67,948	135,831	1054,798	19619,250
<b>261,396</b>	0,784	56,637	29,468	67,948	133,865	1051,143	19551,266
<b>261,792</b>	0,772	56,637	27,630	67,948	132,185	1047,228	19478,449
<b>262,188</b>	0,753	56,637	26,080	67,948	130,823	1043,022	19400,205
<b>262,583</b>	0,726	56,637	24,842	67,948	129,799	1038,504	19316,170
<b>262,979</b>	0,691	56,637	23,929	67,948	129,119	1033,668	19226,229
<b>263,375</b>	0,648	56,637	23,338	67,948	128,776	1028,521	19130,490
<b>263,729</b>	0,603	58,127	27,745	67,948	133,504	1018,329	18940,928
<b>264,083</b>	0,551	58,127	27,709	67,948	133,766	1012,629	18834,901
<b>264,438</b>	0,494	58,127	27,934	67,948	134,284	1006,699	18724,597
<b>264,792</b>	0,430	58,127	28,382	67,948	135,011	1000,585	18610,878
<b>265,146</b>	0,360	58,127	29,008	67,948	135,895	994,340	18494,720
<b>265,500</b>	0,284	58,127	29,754	67,948	136,865	988,033	18377,418
<b>265,950</b>	0,184	59,011	34,256	67,948	141,717	978,429	18198,771
<b>266,400</b>	0,087	59,011	35,262	67,948	142,849	972,564	18089,692
<b>266,850</b>	-0,007	59,011	36,185	67,948	143,783	966,916	17984,644
<b>267,300</b>	-0,099	59,011	38,023	67,948	145,488	960,518	17865,644
<b>267,750</b>	-0,189	59,011	39,686	67,948	146,920	954,413	17752,090
<b>268,200</b>	-0,275	59,011	41,184	67,948	148,095	948,585	17643,683
<b>268,650</b>	-0,360	59,011	42,519	67,948	149,022	945,444	17585,265
<b>269,100</b>	-0,442	59,011	43,718	67,948	149,738	942,520	17530,875
<b>269,550</b>	-0,521	59,011	44,752	67,948	150,222	939,832	17480,880
<b>270,000</b>	-0,598	59,011	45,753	67,948	150,608	937,246	17432,775
<b>270,450</b>	-0,672	59,011	49,424	67,948	153,454	932,205	17339,016
<b>270,900</b>	-0,744	59,011	49,885	67,948	153,215	930,254	17302,718
<b>271,350</b>	-0,813	59,011	50,128	67,948	152,733	928,549	17271,003
<b>271,800</b>	-0,880	59,011	50,229	67,948	152,091	927,009	17242,364
<b>272,250</b>	-0,945	59,011	50,151	67,948	151,262	925,660	17217,275
<b>272,700</b>	-1,006	59,011	49,916	67,948	150,278	926,645	17235,589
<b>273,150</b>	-1,065	59,011	49,552	67,948	149,170	1037,338	19294,479
<b>273,600</b>	-1,122	59,011	49,007	67,948	147,901	1041,006	19362,707

<b>274,050</b>	-1,176	59,011	48,393	67,948	146,580	1044,731	19431,997
<b>274,500</b>	-1,228	59,011	47,565	67,948	145,081	1048,639	19504,688
<b>274,950</b>	-1,277	59,011	46,726	67,948	143,594	1052,540	19577,235
<b>275,400</b>	-1,324	59,011	45,680	67,948	141,948	1056,604	19652,841
<b>275,850</b>	-1,368	59,011	44,614	67,948	140,315	1060,661	19728,299
<b>276,300</b>	-1,409	59,011	43,401	67,948	138,586	1064,818	19805,622
<b>276,750</b>	-1,449	59,011	42,136	67,948	136,848	1068,989	19883,200
<b>277,200</b>	-1,485	59,011	40,797	67,948	135,086	1073,190	19961,335
<b>277,650</b>	-1,519	59,011	39,363	67,948	133,282	1077,437	20040,327
<b>278,100</b>	-1,551	59,011	37,938	67,948	131,530	1081,637	20118,450
<b>278,550</b>	-1,580	59,011	36,366	67,948	129,694	1085,926	20198,229
<b>279,000</b>	-1,606	59,011	34,896	67,948	127,993	1090,085	20275,587
<b>279,450</b>	-1,630	59,011	33,232	67,948	126,170	1094,372	20355,315
<b>279,900</b>	-1,651	59,011	31,700	67,948	124,505	1098,504	20432,177
<b>280,350</b>	-1,670	59,011	30,038	67,948	122,776	1102,707	20510,342
<b>280,800</b>	-1,687	59,011	28,455	67,948	121,159	1106,801	20586,500
<b>281,250</b>	-1,701	59,011	26,840	67,948	119,560	1110,883	20662,431
<b>281,700</b>	-1,712	59,011	25,238	67,948	118,015	1114,916	20737,438
<b>282,150</b>	-1,721	59,011	23,701	67,948	116,568	1118,856	20810,721
<b>282,600</b>	-1,727	59,011	22,116	67,948	115,123	1122,799	20884,065
<b>283,050</b>	-1,731	59,011	20,686	67,948	113,850	1126,576	20954,311
<b>283,500</b>	-1,732	59,011	19,155	67,948	112,531	1130,403	21025,496
<b>284,000</b>	-1,730	59,011	17,797	67,948	111,413	1134,034	21093,034
<b>284,500</b>	-1,722	59,011	16,430	67,948	110,357	1137,608	21159,506
<b>285,000</b>	-1,711	59,011	15,706	67,948	109,917	1140,572	21214,642
<b>285,500</b>	-1,694	59,011	15,329	67,948	109,839	1143,178	21263,113
<b>286,000</b>	-1,673	59,011	15,346	67,948	110,163	1145,388	21304,211
<b>286,500</b>	-1,646	59,011	15,448	67,948	110,628	1147,462	21342,794
<b>287,000</b>	-1,616	59,011	15,911	67,948	111,467	1149,166	21374,492
<b>287,500</b>	-1,580	59,011	16,456	67,948	112,443	1151,852	21424,451
<b>288,000</b>	-1,540	59,011	17,319	67,948	113,760	1154,208	21468,276
<b>288,500</b>	-1,494	59,011	18,251	67,948	115,201	1149,388	21378,612
<b>289,000</b>	-1,445	59,011	19,450	67,948	116,939	1143,987	21278,165
<b>289,500</b>	-1,390	59,011	20,699	67,948	118,781	1138,493	21175,971
<b>290,000</b>	-1,330	59,011	22,155	67,948	120,864	1132,768	21069,488
<b>290,500</b>	-1,266	59,011	23,633	67,948	123,020	1126,981	20961,842
<b>291,000</b>	-1,197	59,011	25,253	67,948	125,351	1121,030	20851,155
<b>291,500</b>	-1,124	59,011	26,860	67,948	127,709	1115,061	20740,139
<b>292,000</b>	-1,045	59,011	28,537	67,948	130,161	1109,010	20627,583
<b>292,500</b>	-0,962	59,011	30,160	67,948	132,580	1103,001	20515,824
<b>292,854</b>	-0,900	58,127	28,391	67,948	131,906	1100,096	20461,789
<b>293,208</b>	-0,836	58,127	29,302	67,948	133,307	1095,127	20369,365
<b>293,563</b>	-0,770	58,127	30,155	67,948	134,641	1090,235	20278,367
<b>293,917</b>	-0,701	58,127	30,955	67,948	135,908	1085,420	20188,814
<b>294,271</b>	-0,629	58,127	31,674	67,948	137,074	1080,717	20101,328
<b>294,625</b>	-0,556	58,127	32,311	67,948	138,132	1076,131	20016,044

<b>295,021</b>	-0,471	56,637	27,233	67,948	133,305	1077,441	20040,402
<b>295,417</b>	-0,382	56,637	27,617	67,948	133,980	1071,650	19932,693
<b>295,813</b>	-0,291	56,637	27,897	67,948	134,502	1066,035	19828,242
<b>296,208</b>	-0,197	56,637	28,066	67,948	134,855	1060,609	19727,325
<b>296,604</b>	-0,100	56,637	28,119	67,948	135,024	1055,388	19630,216
<b>297,000</b>	0,000	56,637	28,182	67,948	135,127	1050,256	19534,755



## Anexo C – Valor característico dos esforços longitudinais

### 1. Diagramas de momentos flectores

#### ➤ Momentos flectores devido a: PP, RCP, SC e VDT

Posição (x)	M <sub>PP,0</sub> [kN.m]	M <sub>PP,∞</sub> [kN.m]	M <sub>RCP</sub> [kN.m]	M <sub>SC,min</sub> [kN.m]	M <sub>SC,máx</sub> [kN.m]	M <sub>VDT,min</sub> [kN.m]	M <sub>VDT,máx</sub> [kN.m]
0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
0,396	1139,085	1075,598	220,577	-101,077	600,087	-54,889	109,779
0,792	2239,115	2112,141	434,543	-202,153	1191,880	-109,779	219,557
1,188	3301,159	3110,697	641,896	-303,230	1763,737	-164,668	329,336
1,583	4326,282	4072,333	842,637	-404,051	2316,477	-219,557	439,114
1,979	5315,554	4998,118	1036,766	-505,128	2874,649	-274,446	548,893
2,375	6270,042	5889,119	1224,283	-606,204	3383,529	-329,336	658,671
2,729	7095,389	6655,316	1386,457	-696,561	3848,344	-378,447	756,894
3,083	7894,171	7396,988	1543,337	-786,917	4305,615	-427,559	855,117
3,438	8666,813	8112,522	1694,924	-877,529	4717,359	-476,670	953,340
3,792	9413,741	8802,342	1841,218	-967,885	5155,661	-525,781	1051,563
4,146	10135,383	9466,874	1982,218	-1058,241	5568,791	-574,893	1149,786
4,500	10832,163	10106,546	2117,925	-1148,598	5937,677	-624,004	1248,009
5,000	11774,155	10965,422	2300,500	-1276,220	6526,419	-693,338	1386,676
5,500	12667,445	11777,840	2472,525	-1403,841	6988,836	-762,672	1525,344
6,000	13512,035	12541,556	2634,000	-1531,463	7538,985	-832,006	1664,011
6,500	14307,924	13256,572	2784,925	-1659,085	7943,144	-901,340	1802,679
7,000	15055,113	13922,887	2925,300	-1786,707	8454,756	-970,673	1941,347
7,500	15753,600	14540,502	3055,125	-1914,329	8801,075	-1040,007	2080,014
8,000	16403,387	15109,415	3174,400	-2041,951	9274,213	-1109,341	2218,682
8,500	17004,473	15629,628	3283,125	-2169,573	9563,173	-1178,675	2357,349
9,000	17556,859	16101,140	3381,300	-2297,195	9997,913	-1248,009	2496,017
9,500	18060,543	16523,952	3468,925	-2424,817	10230,061	-1317,342	2634,685
10,000	18515,527	16898,062	3546,000	-2552,439	10626,485	-1386,676	2773,352
10,500	18921,810	17223,472	3612,525	-2680,061	10802,431	-1456,010	2912,020
11,000	19279,393	17500,182	3668,500	-2807,683	11160,633	-1525,344	3050,688
11,500	19588,274	17728,190	3713,925	-2935,305	11281,054	-1594,678	3189,355
12,000	19848,455	17907,497	3748,800	-3062,927	11601,134	-1664,011	3328,023
12,500	20059,935	18038,104	3773,125	-3190,549	11666,771	-1733,345	3466,690
13,000	20222,715	18120,011	3786,900	-3318,171	11948,842	-1802,679	3605,358
13,500	20336,793	18153,216	3790,125	-3445,793	11960,500	-1872,013	3744,026
13,950	20397,825	18141,462	3784,007	-3560,652	12180,263	-1934,413	3868,826
14,400	20419,409	18090,260	3769,344	-3675,512	12171,521	-1996,814	3993,627
14,850	20401,546	17999,610	3746,135	-3790,372	12307,726	-2059,214	4118,428
15,300	20344,234	17869,513	3714,381	-3905,232	12313,478	-2121,615	4243,229
15,750	20247,475	17699,968	3674,081	-4020,091	12360,429	-2184,015	4368,030
16,200	20111,269	17490,976	3625,236	-4134,951	12386,911	-2246,415	4492,831

<b>16,650</b>	19935,615	17242,536	3567,845	-4249,811	12339,432	-2308,816	4617,632
<b>17,100</b>	19720,514	16954,649	3501,909	-4364,671	12394,788	-2371,216	4742,432
<b>17,550</b>	19465,964	16627,313	3427,427	-4479,530	12256,688	-2433,617	4867,233
<b>18,000</b>	19171,967	16260,531	3344,400	-4594,390	12330,471	-2496,017	4992,034
<b>18,450</b>	18838,523	15854,300	3252,828	-4709,250	12132,303	-2558,418	5116,835
<b>18,900</b>	18465,631	15408,622	3152,709	-4824,110	12136,819	-2620,818	5241,636
<b>19,350</b>	18053,291	14923,497	3044,046	-4938,970	11963,318	-2683,218	5366,437
<b>19,800</b>	17601,504	14398,924	2926,836	-5053,829	11877,455	-2745,619	5491,238
<b>20,250</b>	17110,269	13834,903	2801,082	-5168,689	11724,526	-2808,019	5616,038
<b>20,700</b>	16579,587	13231,434	2666,781	-5283,549	11553,061	-2870,420	5740,839
<b>21,150</b>	16009,456	12588,518	2523,936	-5398,409	11417,266	-2932,820	5865,640
<b>21,600</b>	15399,879	11906,155	2372,544	-5513,268	11164,343	-2995,221	5990,441
<b>22,050</b>	14750,854	11184,344	2212,608	-5628,128	11042,949	-3057,621	6115,242
<b>22,500</b>	14062,381	10423,085	2044,125	-5742,988	10577,579	-3120,021	6240,043
<b>22,950</b>	13334,460	9622,378	1867,098	-5857,848	10577,579	-3182,422	6364,844
<b>23,400</b>	12567,092	8782,224	1681,524	-5972,707	10239,378	-3244,822	6489,644
<b>23,850</b>	11760,276	7902,623	1487,406	-6087,567	10024,490	-3307,223	6614,445
<b>24,300</b>	10914,013	6983,573	1284,741	-6202,427	9702,878	-3369,623	6739,246
<b>24,750</b>	10028,302	6025,076	1073,532	-6317,287	9410,703	-3432,024	6864,047
<b>25,200</b>	9103,143	5027,132	853,776	-6432,146	9104,145	-3494,424	6988,848
<b>25,650</b>	8138,537	3989,740	625,476	-6547,006	8737,070	-3556,824	7113,649
<b>26,100</b>	7134,483	2912,900	388,629	-6661,866	8444,864	-3619,225	7238,450
<b>26,550</b>	6090,982	1796,613	143,238	-6776,726	8004,466	-3681,625	7363,250
<b>27,000</b>	5008,033	640,878	-110,700	-6891,585	7726,784	-3744,026	7488,051
<b>27,450</b>	3885,637	-554,305	-373,182	-7006,445	7234,113	-3806,426	7612,852
<b>27,900</b>	2723,792	-1788,935	-644,211	-7121,305	6904,029	-3868,826	7737,653
<b>28,350</b>	1522,500	-3063,012	-923,784	-7236,165	6427,343	-3931,227	7862,454
<b>28,800</b>	281,761	-4376,538	-1211,904	-7351,024	6025,730	-3993,627	7987,255
<b>29,250</b>	-998,426	-5729,511	-1508,568	-7465,884	5565,708	-4056,028	8112,056
<b>29,700</b>	-2318,061	-7121,931	-1813,779	-7580,744	5092,886	-4118,428	8236,856
<b>30,150</b>	-3677,143	-8553,799	-2127,534	-7695,604	4651,168	-4180,829	8361,657
<b>30,600</b>	-5075,673	-10025,115	-2449,836	-7810,463	4106,519	-4243,229	8486,458
<b>31,050</b>	-6513,650	-11535,879	-2780,682	-7925,323	3685,746	-4305,629	8611,259
<b>31,500</b>	-7991,075	-13086,089	-3120,075	-8040,183	3067,675	-4368,030	8736,060
<b>31,854</b>	-9181,675	-14318,107	-3393,198	-8336,856	2942,487	-4417,141	8834,283
<b>32,208</b>	-10397,136	-15590,676	-3671,615	-8706,182	2784,846	-4466,253	8932,506
<b>32,563</b>	-11637,885	-16888,533	-3955,326	-9129,481	2634,257	-4515,364	9030,728
<b>32,917</b>	-12904,346	-18212,104	-4244,330	-9559,856	2624,321	-4564,476	9128,951
<b>33,271</b>	-14196,947	-19561,813	-4538,627	-9997,928	2480,924	-4613,587	9227,174
<b>33,625</b>	-15516,114	-20938,089	-4838,217	-10441,907	2359,324	-4662,699	9325,397
<b>34,021</b>	-17022,517	-22479,078	-5179,317	-10946,434	2352,310	-4717,588	9435,176
<b>34,417</b>	-18563,705	-24083,753	-5527,030	-11461,610	2355,518	-4772,477	9544,954
<b>34,813</b>	-20140,745	-25724,280	-5881,354	-11985,676	2377,567	-4827,366	9654,733
<b>35,208</b>	-21754,705	-27401,727	-6242,290	-12516,675	2404,543	-4882,256	9764,511
<b>35,604</b>	-23406,651	-29117,160	-6609,839	-13057,299	2431,588	-4937,145	9874,290
<b>36,000</b>	-25097,652	-30871,649	-6984,000	-13606,215	2458,633	-4992,034	9984,068

<b>36,396</b>	-23330,751	-29113,809	-6612,987	-12882,703	2359,075	-4981,574	9963,149
<b>36,792</b>	-21602,904	-27395,024	-6248,586	-12170,196	2259,516	-4971,114	9942,229
<b>37,188</b>	-19913,045	-25714,226	-5890,797	-11500,330	2159,516	-4960,655	9921,309
<b>37,583</b>	-18260,105	-24070,347	-5539,621	-10888,810	2073,910	-4950,195	9900,389
<b>37,979</b>	-16643,016	-22462,321	-5195,056	-10328,199	2037,615	-4939,735	9879,470
<b>38,375</b>	-15060,713	-20889,078	-4857,104	-9778,239	1975,642	-4929,275	9858,550
<b>38,729</b>	-13673,635	-19541,386	-4560,330	-9293,645	2044,176	-4919,916	9839,832
<b>39,083</b>	-12313,123	-18189,026	-4268,849	-8814,957	2136,563	-4910,557	9821,115
<b>39,438</b>	-10978,751	-16862,805	-3982,662	-8342,636	2083,512	-4901,199	9802,397
<b>39,792</b>	-9670,092	-15562,297	-3701,768	-7879,938	2184,148	-4891,840	9783,680
<b>40,146</b>	-8386,721	-14287,076	-3426,167	-7423,147	2241,590	-4882,481	9764,962
<b>40,500</b>	-7128,210	-13036,717	-3155,860	-6972,264	2191,048	-4873,122	9746,244
<b>41,000</b>	-5393,187	-11331,490	-2783,261	-6349,622	2373,805	-4859,910	9719,819
<b>41,500</b>	-3706,866	-9656,712	-2421,212	-5741,181	2303,844	-4846,697	9693,395
<b>42,000</b>	-2069,245	-8030,634	-2069,713	-5516,240	2850,206	-4833,485	9666,970
<b>42,500</b>	-480,325	-6453,257	-1728,765	-5401,093	3244,761	-4820,272	9640,545
<b>43,000</b>	1059,895	-4924,581	-1398,366	-5285,946	3866,574	-4807,060	9614,120
<b>43,500</b>	2551,413	-3444,605	-1078,517	-5170,799	4230,650	-4793,848	9587,695
<b>44,000</b>	3994,231	-2013,330	-769,218	-5055,652	4817,884	-4780,635	9561,270
<b>44,500</b>	5388,348	-630,756	-470,469	-4940,506	5149,886	-4767,423	9534,845
<b>45,000</b>	6733,764	703,117	-182,270	-4825,359	5702,322	-4754,210	9508,420
<b>45,500</b>	8030,480	1988,290	95,379	-4710,212	6000,756	-4740,998	9481,995
<b>46,000</b>	9278,495	3224,762	362,477	-4647,066	6570,189	-4727,785	9455,571
<b>46,500</b>	10477,809	4412,533	619,026	-4649,756	6951,503	-4714,573	9429,146
<b>47,000</b>	11628,422	5551,603	865,025	-4652,445	7551,581	-4701,360	9402,721
<b>47,500</b>	12730,335	6641,973	1100,474	-4655,135	7896,653	-4688,148	9376,296
<b>48,000</b>	13783,547	7683,642	1325,373	-4657,825	8461,362	-4674,935	9349,871
<b>48,500</b>	14788,058	8676,610	1539,722	-4660,515	8769,011	-4661,723	9323,446
<b>49,000</b>	15743,868	9620,877	1743,521	-4663,205	9298,192	-4648,511	9297,021
<b>49,500</b>	16650,978	10516,444	1936,769	-4665,895	9567,340	-4635,298	9270,596
<b>50,000</b>	17509,386	11363,310	2119,468	-4668,585	10060,847	-4622,086	9244,171
<b>50,500</b>	18319,095	12161,475	2291,617	-4671,275	10290,520	-4608,873	9217,746
<b>51,000</b>	19080,102	12910,939	2453,216	-4673,965	10748,223	-4595,661	9191,322
<b>51,500</b>	19792,408	13611,703	2604,265	-4676,655	10937,550	-4582,448	9164,897
<b>52,000</b>	20456,014	14263,765	2744,764	-4679,345	11359,333	-4569,236	9138,472
<b>52,500</b>	21070,919	14867,127	2874,713	-4682,035	11507,549	-4556,023	9112,047
<b>53,000</b>	21637,124	15421,789	2994,111	-4684,725	11893,310	-4542,811	9085,622
<b>53,500</b>	22154,627	15927,749	3102,960	-4687,415	11999,751	-4529,599	9059,197
<b>54,000</b>	22623,430	16385,009	3201,259	-4690,105	12349,405	-4516,386	9032,772
<b>54,500</b>	23043,532	16793,568	3289,008	-4692,795	12413,511	-4503,174	9006,347
<b>55,000</b>	23414,933	17153,427	3366,207	-4695,485	12726,986	-4489,961	8979,922
<b>55,500</b>	23737,634	17464,584	3432,856	-4698,175	12748,304	-4476,749	8953,498
<b>56,000</b>	24011,634	17727,041	3488,954	-4700,865	13025,543	-4463,536	8927,073
<b>56,500</b>	24236,933	17940,797	3534,503	-4703,555	13003,720	-4450,324	8900,648
<b>57,000</b>	24413,531	18105,853	3569,502	-4706,245	13244,682	-4437,111	8874,223
<b>57,500</b>	24541,429	18222,207	3593,951	-4708,935	13179,469	-4423,899	8847,798

<b>58,000</b>	24620,626	18289,861	3607,850	-4751,789	13384,127	-4410,687	8821,373
<b>58,500</b>	24651,122	18308,814	3611,199	-4815,266	13275,382	-4397,474	8794,948
<b>59,000</b>	24632,917	18279,066	3603,998	-4878,743	13443,723	-4384,262	8768,523
<b>59,500</b>	24566,012	18200,618	3586,246	-4942,220	13297,865	-4371,049	8742,098
<b>60,000</b>	24450,406	18073,469	3557,945	-5005,697	13423,432	-4357,837	8715,674
<b>60,500</b>	24286,099	17897,619	3519,094	-5069,174	13241,260	-4344,624	8689,249
<b>61,000</b>	24073,091	17673,068	3469,693	-5132,651	13323,335	-4331,412	8662,824
<b>61,500</b>	23811,382	17399,817	3409,742	-5196,128	13104,867	-4318,199	8636,399
<b>62,000</b>	23500,973	17077,865	3339,241	-5259,605	13143,630	-4304,987	8609,974
<b>62,500</b>	23141,864	16707,212	3258,190	-5323,082	12888,898	-4291,775	8583,549
<b>63,000</b>	22734,053	16287,858	3166,588	-5386,559	12884,636	-4278,562	8557,124
<b>63,500</b>	22277,541	15819,804	3064,437	-5450,036	12593,688	-4265,350	8530,699
<b>64,000</b>	21772,329	15303,049	2951,736	-5513,513	12546,790	-4252,137	8504,274
<b>64,500</b>	21218,416	14737,593	2828,485	-5576,990	12219,686	-4238,925	8477,850
<b>65,000</b>	20615,803	14123,436	2694,684	-5640,467	12130,645	-4225,712	8451,425
<b>65,500</b>	19964,488	13460,579	2550,333	-5703,944	11767,464	-4212,500	8425,000
<b>66,000</b>	19264,473	12749,021	2395,432	-5767,421	11636,876	-4199,287	8398,575
<b>66,500</b>	18515,757	11988,762	2229,980	-5830,898	11237,708	-4186,075	8372,150
<b>67,000</b>	17718,341	11179,802	2053,979	-5894,375	11066,275	-4172,863	8345,725
<b>67,500</b>	16872,223	10322,142	1867,428	-5957,852	10631,227	-4159,650	8319,300
<b>68,000</b>	15977,405	9415,780	1670,327	-6021,329	10419,752	-4146,438	8292,875
<b>68,500</b>	15033,886	8460,719	1462,676	-6084,806	9948,946	-4133,225	8266,450
<b>69,000</b>	14041,666	7456,956	1244,475	-6148,283	9698,337	-4120,013	8240,026
<b>69,500</b>	13000,746	6404,492	1015,723	-6211,760	9191,908	-4106,800	8213,601
<b>70,000</b>	11911,125	5303,328	776,422	-6275,237	8903,176	-4093,588	8187,176
<b>70,500</b>	10772,803	4153,463	526,571	-6338,714	8361,276	-4080,375	8160,751
<b>71,000</b>	9585,780	2954,898	266,170	-6402,191	8035,538	-4067,163	8134,326
<b>71,500</b>	8350,057	1707,631	-4,781	-6466,443	7459,106	-4053,951	8107,901
<b>72,000</b>	7065,633	411,664	-286,282	-6592,148	7159,809	-4040,738	8081,476
<b>72,500</b>	5732,508	-933,004	-578,334	-6717,853	6609,704	-4027,526	8055,051
<b>73,000</b>	4350,682	-2326,372	-880,935	-6843,559	6275,942	-4014,313	8028,626
<b>73,500</b>	2920,156	-3768,442	-1194,086	-6969,264	5690,908	-4001,101	8002,202
<b>74,000</b>	1440,928	-5259,212	-1517,787	-7094,969	5324,108	-3987,888	7975,777
<b>74,500</b>	-87,000	-6798,683	-1852,038	-7220,675	4704,353	-3974,676	7949,352
<b>75,000</b>	-1663,628	-8386,854	-2196,839	-7346,380	4306,045	-3961,463	7922,927
<b>75,500</b>	-3288,958	-10023,727	-2552,190	-7472,085	3651,795	-3948,251	7896,502
<b>76,000</b>	-4962,988	-11709,300	-2918,092	-7963,267	3589,090	-3935,039	7870,077
<b>76,500</b>	-6685,719	-13443,574	-3294,543	-8589,678	3401,290	-3921,826	7843,652
<b>76,854</b>	-7935,523	-14680,716	-3567,579	-9043,231	3442,770	-3912,467	7824,935
<b>77,208</b>	-9210,188	-15963,533	-3845,908	-9502,690	3379,423	-3903,109	7806,217
<b>77,563</b>	-10510,141	-17271,636	-4129,531	-9969,395	3274,124	-3893,750	7787,499
<b>77,917</b>	-11835,807	-18605,453	-4418,447	-10443,055	3317,095	-3884,391	7768,782
<b>78,271</b>	-13187,612	-19965,410	-4712,656	-10924,411	3219,457	-3875,032	7750,064
<b>78,625</b>	-14565,983	-21351,932	-5012,159	-11411,674	3144,624	-3865,673	7731,346
<b>79,021</b>	-16138,556	-22897,394	-5353,161	-11964,620	3195,985	-3855,213	7710,427
<b>79,417</b>	-17745,914	-24513,813	-5700,775	-12528,216	3248,864	-3844,754	7689,507

<b>79,813</b>	-19389,123	-26166,084	-6055,002	-13100,701	3319,913	-3834,294	7668,587
<b>80,208</b>	-21069,252	-27855,274	-6415,840	-13679,999	3395,588	-3823,834	7647,668
<b>80,604</b>	-22787,368	-29582,452	-6783,290	-14269,041	3471,454	-3813,374	7626,748
<b>81,000</b>	-24544,538	-31348,683	-7157,353	-14866,376	3547,321	-3802,914	7605,828
<b>81,396</b>	-22783,051	-29585,457	-6784,434	-14234,440	3435,840	-3805,472	7610,943
<b>81,792</b>	-21060,618	-27861,286	-6418,128	-13625,324	3324,359	-3808,029	7616,058
<b>82,188</b>	-19376,172	-26175,101	-6058,433	-13029,674	3212,878	-3810,586	7621,173
<b>82,583</b>	-17728,646	-24525,836	-5705,350	-12443,777	3121,685	-3813,144	7626,288
<b>82,979</b>	-16116,971	-22912,422	-5358,880	-11865,281	3105,656	-3815,701	7631,403
<b>83,375</b>	-14540,081	-21333,793	-5019,021	-11297,434	3039,282	-3818,259	7636,517
<b>83,729</b>	-13157,847	-19986,403	-4720,542	-10796,850	3098,760	-3820,547	7641,094
<b>84,083</b>	-11802,179	-18629,171	-4427,356	-10302,174	3181,198	-3822,835	7645,670
<b>84,438</b>	-10472,651	-17298,079	-4139,464	-9813,818	3122,195	-3825,123	7650,247
<b>84,792</b>	-9168,836	-15992,699	-3856,864	-9335,131	3212,504	-3827,412	7654,823
<b>85,146</b>	-7890,308	-14712,607	-3579,559	-8862,351	3260,588	-3829,700	7659,400
<b>85,500</b>	-6636,641	-13457,376	-3307,546	-8395,478	3203,399	-3831,988	7663,976
<b>86,000</b>	-4908,457	-11748,049	-2932,540	-7750,253	3370,148	-3835,219	7670,437
<b>86,500</b>	-3228,974	-10066,351	-2568,083	-7198,466	3369,104	-3838,449	7676,898
<b>87,000</b>	-1598,191	-8433,353	-2214,177	-7057,584	4006,005	-3841,680	7683,359
<b>87,500</b>	-16,109	-6849,056	-1870,821	-6916,701	4386,225	-3844,910	7689,820
<b>88,000</b>	1517,272	-5313,460	-1538,014	-6775,818	4988,697	-3848,140	7696,281
<b>88,500</b>	3001,952	-3826,565	-1215,758	-6634,935	5337,646	-3851,371	7702,742
<b>89,000</b>	4437,932	-2388,371	-904,051	-6494,053	5905,464	-3854,601	7709,203
<b>89,500</b>	5825,210	-998,877	-602,895	-6353,170	6221,612	-3857,832	7715,663
<b>90,000</b>	7163,788	341,916	-312,289	-6212,287	6754,566	-3861,062	7722,124
<b>90,500</b>	8453,666	1634,009	-32,232	-6071,404	7036,483	-3864,293	7728,585
<b>91,000</b>	9694,842	2877,400	237,274	-6040,349	7644,205	-3867,523	7735,046
<b>91,500</b>	10887,318	4072,091	496,230	-6015,321	8006,419	-3870,754	7741,507
<b>92,000</b>	12031,093	5218,081	744,637	-5990,292	8584,925	-3873,984	7747,968
<b>92,500</b>	13126,167	6315,370	982,493	-5965,263	8910,355	-3877,214	7754,429
<b>93,000</b>	14172,541	7363,959	1209,799	-5940,234	9453,454	-3880,445	7760,890
<b>93,500</b>	15170,213	8363,846	1426,556	-5915,205	9740,975	-3883,675	7767,351
<b>94,000</b>	16119,185	9315,033	1632,762	-5890,176	10248,513	-3886,906	7773,812
<b>94,500</b>	17019,457	10217,520	1828,418	-5865,147	10497,103	-3890,136	7780,272
<b>95,000</b>	17871,027	11071,305	2013,525	-5840,118	10968,943	-3893,367	7786,733
<b>95,500</b>	18673,897	11876,390	2188,081	-5815,089	11177,679	-3896,597	7793,194
<b>96,000</b>	19428,066	12632,774	2352,087	-5790,060	11613,696	-3899,828	7799,655
<b>96,500</b>	20133,534	13340,457	2505,544	-5765,031	11781,758	-3903,058	7806,116
<b>97,000</b>	20790,302	13999,440	2648,450	-5740,002	12181,846	-3906,288	7812,577
<b>97,500</b>	21398,368	14609,721	2780,807	-5714,973	12308,514	-3909,519	7819,038
<b>98,000</b>	21957,734	15171,303	2902,613	-5689,944	12672,576	-3912,749	7825,499
<b>98,500</b>	22468,400	15684,183	3013,869	-5664,915	12757,233	-3915,980	7831,960
<b>99,000</b>	22930,364	16148,362	3114,576	-5639,886	13085,190	-3919,210	7838,420
<b>99,500</b>	23343,628	16563,841	3204,732	-5614,857	13127,320	-3922,441	7844,881
<b>100,000</b>	23708,191	16930,619	3284,338	-5589,828	13419,106	-3925,671	7851,342
<b>100,500</b>	24024,053	17248,696	3353,395	-5564,799	13418,293	-3928,902	7857,803

<b>101,000</b>	24291,215	17518,073	3411,901	-5539,770	13673,857	-3932,132	7864,264
<b>101,500</b>	24509,676	17738,749	3459,857	-5514,741	13629,788	-3935,363	7870,725
<b>102,000</b>	24679,435	17910,724	3497,264	-5489,712	13849,094	-3938,593	7877,186
<b>102,500</b>	24800,495	18033,998	3524,120	-5464,683	13761,556	-3941,823	7883,647
<b>103,000</b>	24872,853	18108,571	3540,426	-5439,654	13944,582	-3945,054	7890,108
<b>103,500</b>	24896,511	18134,444	3546,183	-5420,672	13813,465	-3948,284	7896,569
<b>104,000</b>	24871,468	18111,616	3541,389	-5460,080	13960,202	-3951,515	7903,029
<b>104,500</b>	24797,724	18040,087	3526,045	-5499,488	13792,740	-3954,745	7909,490
<b>105,000</b>	24675,280	17919,858	3500,152	-5538,896	13895,952	-3957,976	7915,951
<b>105,500</b>	24504,134	17750,928	3463,708	-5578,303	13692,209	-3961,206	7922,412
<b>106,000</b>	24284,289	17533,297	3416,714	-5617,711	13751,945	-3964,437	7928,873
<b>106,500</b>	24015,742	17266,965	3359,171	-5657,119	13511,942	-3967,667	7935,334
<b>107,000</b>	23698,494	16951,933	3291,077	-5696,527	13528,409	-3970,897	7941,795
<b>107,500</b>	23332,546	16588,199	3212,433	-5735,934	13252,183	-3974,128	7948,256
<b>108,000</b>	22917,897	16175,765	3123,240	-5775,342	13225,691	-3977,358	7954,717
<b>108,500</b>	22454,547	15714,631	3023,496	-5814,750	12913,291	-3980,589	7961,178
<b>109,000</b>	21942,497	15204,795	2913,203	-5854,158	12844,250	-3983,819	7967,638
<b>109,500</b>	21381,746	14646,259	2792,359	-5893,565	12495,741	-3987,050	7974,099
<b>110,000</b>	20772,294	14039,022	2660,965	-5932,973	12384,662	-3990,280	7980,560
<b>110,500</b>	20114,141	13383,084	2519,022	-5972,381	12000,124	-3993,511	7987,021
<b>111,000</b>	19407,287	12678,446	2366,528	-6011,788	11847,622	-3996,741	7993,482
<b>111,500</b>	18651,733	11925,106	2203,484	-6051,196	11427,148	-3999,971	7999,943
<b>112,000</b>	17847,478	11123,066	2029,891	-6090,604	11233,935	-4003,202	8006,404
<b>112,500</b>	16994,523	10272,326	1845,747	-6130,012	10777,635	-4006,432	8012,865
<b>113,000</b>	16092,866	9372,884	1651,053	-6169,419	10544,528	-4009,663	8019,326
<b>113,500</b>	15142,509	8424,742	1445,810	-6208,827	10052,523	-4012,893	8025,787
<b>114,000</b>	14143,451	7427,899	1230,016	-6248,235	9780,439	-4016,124	8032,247
<b>114,500</b>	13095,692	6382,355	1003,672	-6287,643	9252,867	-4019,354	8038,708
<b>115,000</b>	11999,233	5288,111	766,779	-6327,050	8942,825	-4022,585	8045,169
<b>115,500</b>	10854,072	4145,166	519,335	-6366,458	8379,837	-4025,815	8051,630
<b>116,000</b>	9660,211	2953,520	261,341	-6405,866	8032,957	-4029,046	8058,091
<b>116,500</b>	8417,649	1713,173	-7,202	-6446,555	7436,002	-4032,276	8064,552
<b>117,000</b>	7126,387	424,125	-286,296	-6587,314	7154,856	-4035,506	8071,013
<b>117,500</b>	5786,424	-913,623	-575,940	-6728,073	6622,901	-4009,663	8077,474
<b>118,000</b>	4397,760	-2300,072	-876,133	-6868,832	6307,461	-4012,893	8083,935
<b>118,500</b>	2960,395	-3735,222	-1186,877	-7009,590	5740,633	-4016,124	8090,395
<b>119,000</b>	1474,330	-5219,072	-1508,171	-7150,349	5392,322	-4019,354	8096,856
<b>119,500</b>	-60,437	-6751,623	-1840,014	-7291,108	4790,830	-4022,585	8103,317
<b>120,000</b>	-1643,904	-8332,875	-2182,408	-7431,867	4411,175	-4025,815	8109,778
<b>120,500</b>	-3276,071	-9962,828	-2535,352	-7572,626	3775,243	-4029,046	8116,239
<b>121,000</b>	-4956,940	-11641,481	-2898,845	-8107,331	3759,816	-4032,276	8122,700
<b>121,500</b>	-6686,509	-13368,836	-3272,889	-8751,948	3593,541	-4035,506	8129,161
<b>121,854</b>	-7941,157	-14601,339	-3544,220	-9218,390	3650,673	-4066,869	8133,737
<b>122,208</b>	-9220,666	-15879,284	-3820,844	-9690,739	3602,757	-4069,157	8138,314
<b>122,563</b>	-10525,463	-17182,517	-4102,761	-10170,370	3512,862	-4071,445	8142,890
<b>122,917</b>	-11855,973	-18511,462	-4389,972	-10656,919	3571,579	-4073,733	8147,467

<b>123,271</b>	-13212,622	-19866,547	-4682,476	-11151,165	3489,356	-4076,022	8152,043
<b>123,625</b>	-14595,836	-21248,198	-4980,273	-11651,318	3430,019	-4078,310	8156,620
<b>124,021</b>	-16173,823	-22788,986	-5319,369	-12218,683	3499,052	-4080,867	8161,735
<b>124,417</b>	-17786,594	-24400,018	-5665,078	-12796,698	3568,906	-4083,425	8166,849
<b>124,813</b>	-19435,217	-26046,902	-6017,398	-13383,601	3657,082	-4085,982	8171,964
<b>125,208</b>	-21120,760	-27730,706	-6376,330	-13977,282	3749,881	-4088,540	8177,079
<b>125,604</b>	-22844,289	-29452,496	-6741,875	-14580,743	3842,915	-4091,097	8182,194
<b>126,000</b>	-24606,873	-31213,342	-7114,032	-15192,497	3935,950	-4093,654	8187,309
<b>126,396</b>	-22841,467	-29486,008	-6741,494	-14575,881	3836,197	-4093,654	8187,309
<b>126,792</b>	-21115,115	-27762,325	-6375,568	-13968,526	3739,178	-4093,654	8187,309
<b>127,188</b>	-19426,750	-26076,628	-6016,255	-13369,809	3643,132	-4093,654	8187,309
<b>127,583</b>	-17775,305	-24427,851	-5663,553	-12780,853	3552,884	-4093,654	8187,309
<b>127,979</b>	-16159,712	-22814,926	-5317,464	-12199,289	3483,345	-4093,654	8187,309
<b>128,375</b>	-14578,903	-21236,786	-4977,986	-11628,375	3411,361	-4093,654	8187,309
<b>128,729</b>	-13193,163	-19853,433	-4679,848	-11125,049	3467,940	-4093,654	8187,309
<b>129,083</b>	-11833,988	-18496,646	-4387,003	-10627,630	3547,416	-4093,654	8187,309
<b>129,438</b>	-10500,953	-17165,999	-4099,452	-10136,525	3485,733	-4093,654	8187,309
<b>129,792</b>	-9193,632	-15861,065	-3817,193	-9655,095	3573,052	-4093,654	8187,309
<b>130,146</b>	-7911,597	-14581,418	-3540,228	-9179,573	3618,216	-4093,654	8187,309
<b>130,500</b>	-6654,424	-13326,632	-3268,557	-8709,958	3558,302	-4093,654	8187,309
<b>131,000</b>	-4921,290	-11617,492	-2894,032	-8060,860	3720,725	-4093,654	8187,309
<b>131,500</b>	-3236,856	-9936,439	-2530,057	-7518,890	3729,454	-4093,654	8187,309
<b>132,000</b>	-1601,123	-8304,088	-2176,632	-7373,892	4361,780	-4093,654	8187,309
<b>132,500</b>	-14,091	-6720,437	-1833,757	-7228,894	4737,779	-4093,654	8187,309
<b>133,000</b>	1524,240	-5185,487	-1501,432	-7083,896	5335,670	-4093,654	8187,309
<b>133,500</b>	3013,871	-3699,237	-1179,657	-6938,898	5680,340	-4093,654	8187,309
<b>134,000</b>	4454,800	-2261,688	-868,432	-6793,900	6243,571	-4093,654	8187,309
<b>134,500</b>	5847,029	-872,841	-567,757	-6648,902	6555,387	-4093,654	8187,309
<b>135,000</b>	7190,558	467,307	-277,632	-6503,904	7083,749	-4093,654	8187,309
<b>135,500</b>	8485,385	1758,753	1,943	-6358,906	7361,286	-4093,654	8187,309
<b>136,000</b>	9731,512	3001,499	270,968	-6324,865	7965,540	-4093,654	8187,309
<b>136,500</b>	10928,938	4195,544	529,443	-6292,546	8320,155	-4093,654	8187,309
<b>137,000</b>	12077,663	5340,888	777,368	-6260,227	8890,886	-4093,654	8187,309
<b>137,500</b>	13177,688	6437,531	1014,743	-6227,908	9208,678	-4093,654	8187,309
<b>138,000</b>	14229,012	7485,474	1241,568	-6195,588	9743,998	-4093,654	8187,309
<b>138,500</b>	15231,635	8484,716	1457,843	-6163,269	10023,845	-4093,654	8187,309
<b>139,000</b>	16185,557	9435,257	1663,568	-6130,950	10523,602	-4093,654	8187,309
<b>139,500</b>	17090,778	10337,098	1858,743	-6098,631	10764,486	-4093,654	8187,309
<b>140,000</b>	17947,299	11190,237	2043,368	-6066,312	11228,542	-4093,654	8187,309
<b>140,500</b>	18755,119	11994,676	2217,443	-6033,993	11429,544	-4093,654	8187,309
<b>141,000</b>	19514,239	12750,415	2380,968	-6001,674	11857,777	-4093,654	8187,309
<b>141,500</b>	20224,657	13457,452	2533,943	-5969,355	12018,081	-4093,654	8187,309
<b>142,000</b>	20886,375	14115,789	2676,368	-5937,036	12410,383	-4093,654	8187,309
<b>142,500</b>	21499,392	14725,425	2808,243	-5904,716	12529,273	-4093,654	8187,309
<b>143,000</b>	22063,708	15286,360	2929,568	-5872,397	12885,548	-4093,654	8187,309
<b>143,500</b>	22579,324	15798,594	3040,343	-5840,078	12962,409	-4093,654	8187,309

<b>144,000</b>	23046,239	16262,128	3140,568	-5807,759	13282,580	-4093,654	8187,309
<b>144,500</b>	23464,453	16676,961	3230,243	-5775,440	13316,899	-4093,654	8187,309
<b>145,000</b>	23833,966	17043,093	3309,368	-5743,121	13600,899	-4093,654	8187,309
<b>145,500</b>	24154,778	17360,525	3377,943	-5710,802	13592,264	-4093,654	8187,309
<b>146,000</b>	24426,890	17629,255	3435,968	-5678,483	13840,043	-4093,654	8187,309
<b>146,500</b>	24650,301	17849,285	3483,443	-5646,164	13788,144	-4093,654	8187,309
<b>147,000</b>	24825,011	18020,614	3520,368	-5613,844	13999,665	-4093,654	8187,309
<b>147,500</b>	24951,021	18143,243	3546,743	-5581,525	13904,291	-4093,654	8187,309
<b>148,000</b>	25028,330	18217,171	3562,568	-5549,206	14079,534	-4093,654	8187,309
<b>148,500</b>	25056,938	18242,397	3567,843	-5516,887	13940,577	-4093,654	8187,309
<b>149,000</b>	25036,845	18218,924	3562,568	-5549,206	14079,534	-4093,654	8187,309
<b>149,500</b>	24968,052	18146,749	3546,743	-5581,525	13904,291	-4093,654	8187,309
<b>150,000</b>	24850,557	18025,874	3520,368	-5613,844	13999,665	-4093,654	8187,309
<b>150,500</b>	24684,362	17856,298	3483,443	-5646,164	13788,144	-4093,654	8187,309
<b>151,000</b>	24469,467	17638,021	3435,968	-5678,483	13840,043	-4093,654	8187,309
<b>151,500</b>	24205,870	17371,043	3377,943	-5710,802	13592,264	-4093,654	8187,309
<b>152,000</b>	23893,573	17055,365	3309,368	-5743,121	13600,899	-4093,654	8187,309
<b>152,500</b>	23532,575	16690,986	3230,243	-5775,440	13316,899	-4093,654	8187,309
<b>153,000</b>	23122,876	16277,906	3140,568	-5807,759	13282,580	-4093,654	8187,309
<b>153,500</b>	22664,477	15816,126	3040,343	-5840,078	12962,409	-4093,654	8187,309
<b>154,000</b>	22157,377	15305,644	2929,568	-5872,397	12885,548	-4093,654	8187,309
<b>154,500</b>	21601,576	14746,462	2808,243	-5904,716	12529,273	-4093,654	8187,309
<b>155,000</b>	20997,074	14138,580	2676,368	-5937,036	12410,383	-4093,654	8187,309
<b>155,500</b>	20343,871	13481,996	2533,943	-5969,355	12018,081	-4093,654	8187,309
<b>156,000</b>	19641,968	12776,712	2380,968	-6001,674	11857,777	-4093,654	8187,309
<b>156,500</b>	18891,364	12022,727	2217,443	-6033,993	11429,544	-4093,654	8187,309
<b>157,000</b>	18092,059	11220,041	2043,368	-6066,312	11228,542	-4093,654	8187,309
<b>157,500</b>	17244,054	10368,654	1858,743	-6098,631	10764,486	-4093,654	8187,309
<b>158,000</b>	16347,348	9468,567	1663,568	-6130,950	10523,602	-4093,654	8187,309
<b>158,500</b>	15401,941	8519,779	1457,843	-6163,269	10023,845	-4093,654	8187,309
<b>159,000</b>	14407,833	7522,290	1241,568	-6195,588	9743,998	-4093,654	8187,309
<b>159,500</b>	13365,025	6476,100	1014,743	-6227,908	9208,678	-4093,654	8187,309
<b>160,000</b>	12273,515	5381,210	777,368	-6260,227	8890,886	-4093,654	8187,309
<b>160,500</b>	11133,305	4237,619	529,443	-6292,546	8320,155	-4093,654	8187,309
<b>161,000</b>	9944,395	3045,327	270,968	-6324,865	7965,540	-4093,654	8187,309
<b>161,500</b>	8706,783	1804,335	1,943	-6358,906	7361,286	-4093,654	8187,309
<b>162,000</b>	7420,471	514,642	-277,632	-6503,904	7083,749	-4093,654	8187,309
<b>162,500</b>	6085,458	-823,753	-567,757	-6648,902	6555,387	-4093,654	8187,309
<b>163,000</b>	4701,744	-2210,847	-868,432	-6793,900	6243,571	-4093,654	8187,309
<b>163,500</b>	3269,330	-3646,643	-1179,657	-6938,898	5680,340	-4093,654	8187,309
<b>164,000</b>	1788,215	-5131,139	-1501,432	-7083,896	5335,670	-4093,654	8187,309
<b>164,500</b>	258,399	-6664,336	-1833,757	-7228,894	4737,779	-4093,654	8187,309
<b>165,000</b>	-1320,118	-8246,234	-2176,632	-7373,892	4361,780	-4093,654	8187,309
<b>165,500</b>	-2947,336	-9876,833	-2530,057	-7518,890	3729,454	-4093,654	8187,309
<b>166,000</b>	-4623,254	-11556,132	-2894,032	-8060,860	3720,725	-4093,654	8187,309
<b>166,500</b>	-6347,873	-13284,132	-3268,557	-8709,958	3558,302	-4093,654	8187,309

<b>166,854</b>	-7599,014	-14516,299	-3540,228	-9179,573	3618,216	-4093,654	8187,309
<b>167,208</b>	-8875,017	-15794,689	-3817,193	-9655,095	3573,052	-4093,654	8187,309
<b>167,563</b>	-10176,307	-17098,366	-4099,452	-10137,908	3485,906	-4093,654	8187,309
<b>167,917</b>	-11503,310	-18427,757	-4387,003	-10627,630	3547,416	-4093,654	8187,309
<b>168,271</b>	-12856,453	-19783,288	-4679,848	-11125,049	3467,940	-4093,654	8187,309
<b>168,625</b>	-14236,161	-21165,384	-4977,986	-11628,375	3411,361	-4093,654	8187,309
<b>169,021</b>	-15810,229	-22705,170	-5317,464	-12199,289	3483,345	-4093,654	8187,309
<b>169,417</b>	-17419,081	-24316,676	-5663,553	-12780,853	3552,884	-4093,654	8187,309
<b>169,813</b>	-19063,785	-25964,034	-6016,255	-13371,306	3643,374	-4093,654	8187,309
<b>170,208</b>	-20745,409	-27648,312	-6375,568	-13968,526	3739,178	-4093,654	8187,309
<b>170,604</b>	-22465,020	-29370,577	-6741,494	-14575,881	3836,197	-4093,654	8187,309
<b>171,000</b>	-24223,685	-31131,896	-7114,032	-15192,497	3935,950	-4093,654	8187,309
<b>171,396</b>	-22474,138	-29373,822	-6741,875	-14580,743	3842,915	-4091,097	8182,194
<b>171,792</b>	-20763,646	-27654,802	-6376,330	-13977,282	3749,881	-4088,540	8177,079
<b>172,188</b>	-19091,141	-25973,770	-6017,398	-13382,113	3656,847	-4085,982	8171,964
<b>172,583</b>	-17455,556	-24329,657	-5665,078	-12796,698	3568,906	-4083,425	8166,849
<b>172,979</b>	-15855,823	-22721,396	-5319,369	-12218,683	3499,052	-4080,867	8161,735
<b>173,375</b>	-14290,874	-21147,919	-4980,273	-11651,318	3430,019	-4078,310	8156,620
<b>173,729</b>	-12919,324	-19805,445	-4682,476	-11151,165	3489,356	-4076,022	8152,043
<b>174,083</b>	-11574,340	-18452,791	-4389,972	-10656,919	3571,579	-4073,733	8147,467
<b>174,438</b>	-10255,496	-17126,275	-4102,761	-10168,996	3512,696	-4071,445	8142,890
<b>174,792</b>	-8962,365	-15825,473	-3820,844	-9690,739	3602,757	-4069,157	8138,314
<b>175,146</b>	-7694,521	-14549,958	-3544,220	-9218,390	3650,673	-4066,869	8133,737
<b>175,500</b>	-6451,538	-13299,305	-3272,889	-8751,948	3593,541	-4064,580	8129,161
<b>176,000</b>	-4738,438	-11596,496	-2898,845	-8107,331	3759,816	-4061,350	8122,700
<b>176,500</b>	-3074,038	-9921,233	-2535,352	-7572,626	3775,243	-4058,120	8116,239
<b>177,000</b>	-1458,339	-8294,671	-2182,408	-7431,867	4411,175	-4054,889	8109,778
<b>177,500</b>	108,660	-6716,810	-1840,014	-7291,108	4790,830	-4051,659	8103,317
<b>178,000</b>	1626,957	-5187,649	-1508,171	-7150,349	5392,322	-4048,428	8096,856
<b>178,500</b>	3096,554	-3707,189	-1186,877	-7009,590	5740,633	-4045,198	8090,395
<b>179,000</b>	4517,450	-2275,430	-876,133	-6868,832	6307,461	-4041,967	8083,935
<b>179,500</b>	5889,646	-892,371	-575,940	-6728,073	6622,901	-4038,737	8077,474
<b>180,000</b>	7213,140	441,986	-286,296	-6587,314	7154,856	-4035,506	8071,013
<b>180,500</b>	8487,934	1727,643	-7,202	-6446,555	7436,002	-4032,276	8064,552
<b>181,000</b>	9714,027	2964,599	261,341	-6405,866	8032,957	-4029,046	8058,091
<b>181,500</b>	10891,420	4152,855	519,335	-6366,458	8379,837	-4025,815	8051,630
<b>182,000</b>	12020,111	5292,409	766,779	-6327,050	8942,825	-4022,585	8045,169
<b>182,500</b>	13100,102	6383,263	1003,672	-6287,643	9252,867	-4019,354	8038,708
<b>183,000</b>	14131,392	7425,416	1230,016	-6248,235	9780,439	-4016,124	8032,247
<b>183,500</b>	15113,981	8418,869	1445,810	-6208,827	10052,523	-4012,893	8025,787
<b>184,000</b>	16047,870	9363,620	1651,053	-6169,419	10544,528	-4009,663	8019,326
<b>184,500</b>	16933,058	10259,671	1845,747	-6130,012	10777,635	-4006,432	8012,865
<b>185,000</b>	17769,545	11107,021	2029,891	-6090,604	11233,935	-4003,202	8006,404
<b>185,500</b>	18557,331	11905,671	2203,484	-6051,196	11427,148	-3999,971	7999,943
<b>186,000</b>	19296,417	12655,620	2366,528	-6011,788	11847,622	-3996,741	7993,482
<b>186,500</b>	19986,802	13356,867	2519,022	-5972,381	12000,124	-3993,511	7987,021

<b>187,000</b>	20628,486	14009,415	2660,965	-5932,973	12384,662	-3990,280	7980,560
<b>187,500</b>	21221,469	14613,261	2792,359	-5893,565	12495,741	-3987,050	7974,099
<b>188,000</b>	21765,752	15168,407	2913,203	-5854,158	12844,250	-3983,819	7967,638
<b>188,500</b>	22261,334	15674,852	3023,496	-5814,750	12913,291	-3980,589	7961,178
<b>189,000</b>	22708,215	16132,596	3123,240	-5775,342	13225,691	-3977,358	7954,717
<b>189,500</b>	23106,395	16541,639	3212,433	-5735,934	13252,183	-3974,128	7948,256
<b>190,000</b>	23455,875	16901,982	3291,077	-5696,527	13528,409	-3970,897	7941,795
<b>190,500</b>	23756,654	17213,624	3359,171	-5657,119	13511,942	-3967,667	7935,334
<b>191,000</b>	24008,732	17476,565	3416,714	-5617,711	13751,945	-3964,437	7928,873
<b>191,500</b>	24212,109	17690,805	3463,708	-5578,303	13692,209	-3961,206	7922,412
<b>192,000</b>	24366,785	17856,345	3500,152	-5538,896	13895,952	-3957,976	7915,951
<b>192,500</b>	24472,762	17973,184	3526,045	-5499,488	13792,740	-3954,745	7909,490
<b>193,000</b>	24530,037	18041,322	3541,389	-5460,080	13960,202	-3951,515	7903,029
<b>193,500</b>	24538,611	18060,759	3546,183	-5420,672	13813,465	-3948,284	7896,569
<b>194,000</b>	24498,485	18031,496	3540,426	-5439,654	13652,527	-3945,054	7890,108
<b>194,500</b>	24409,657	17953,532	3524,120	-5464,683	13754,200	-3941,823	7883,647
<b>195,000</b>	24272,129	17826,867	3497,264	-5489,712	13849,094	-3938,593	7877,186
<b>195,500</b>	24085,901	17651,501	3459,857	-5514,741	13629,788	-3935,363	7870,725
<b>196,000</b>	23850,971	17427,435	3411,901	-5539,770	13673,857	-3932,132	7864,264
<b>196,500</b>	23567,341	17154,668	3353,395	-5564,799	13418,293	-3928,902	7857,803
<b>197,000</b>	23235,010	16833,200	3284,338	-5589,828	13419,106	-3925,671	7851,342
<b>197,500</b>	22853,979	16463,032	3204,732	-5614,857	13127,320	-3922,441	7844,881
<b>198,000</b>	22424,246	16044,162	3114,576	-5639,886	12821,334	-3919,210	7838,420
<b>198,500</b>	21945,813	15576,592	3013,869	-5664,915	12722,438	-3915,980	7831,960
<b>199,000</b>	21418,679	15060,321	2902,613	-5689,944	12672,576	-3912,749	7825,499
<b>199,500</b>	20842,845	14495,350	2780,807	-5714,973	12308,514	-3909,519	7819,038
<b>200,000</b>	20218,309	13881,677	2648,450	-5740,002	12181,846	-3906,288	7812,577
<b>200,500</b>	19545,073	13219,304	2505,544	-5765,031	11781,758	-3903,058	7806,116
<b>201,000</b>	18823,136	12508,230	2352,087	-5790,060	11613,696	-3899,828	7799,655
<b>201,500</b>	18052,498	11748,456	2188,081	-5815,089	11177,679	-3896,597	7793,194
<b>202,000</b>	17233,160	10939,980	2013,525	-5840,118	10968,943	-3893,367	7786,733
<b>202,500</b>	16365,121	10082,804	1828,418	-5865,147	10497,103	-3890,136	7780,272
<b>203,000</b>	15448,381	9176,927	1632,762	-5890,176	10248,513	-3886,906	7773,812
<b>203,500</b>	14482,940	8222,350	1426,556	-5915,205	9740,975	-3883,675	7767,351
<b>204,000</b>	13468,799	7219,071	1209,799	-5940,234	9453,454	-3880,445	7760,890
<b>204,500</b>	12405,957	6167,092	982,493	-5965,263	8910,355	-3877,214	7754,429
<b>205,000</b>	11294,414	5066,413	744,637	-5990,292	8584,925	-3873,984	7747,968
<b>205,500</b>	10134,170	3917,032	496,230	-6015,321	8006,419	-3870,754	7741,507
<b>206,000</b>	8925,226	2718,951	237,274	-6040,349	7644,205	-3867,523	7735,046
<b>206,500</b>	7667,581	1472,169	-32,232	-6071,404	7036,483	-3864,293	7728,585
<b>207,000</b>	6361,235	176,686	-312,289	-6212,287	6754,566	-3861,062	7722,124
<b>207,500</b>	5006,188	-1167,498	-602,895	-6353,170	6221,612	-3857,832	7715,663
<b>208,000</b>	3602,441	-2560,382	-904,051	-6494,053	5905,464	-3854,601	7709,203
<b>208,500</b>	2149,993	-4001,967	-1215,758	-6634,935	5337,646	-3851,371	7702,742
<b>209,000</b>	648,844	-5492,253	-1538,014	-6775,818	4988,697	-3848,140	7696,281
<b>209,500</b>	-901,006	-7031,240	-1870,821	-6916,701	4386,225	-3844,910	7689,820

<b>210,000</b>	-2499,556	-8618,927	-2214,177	-7057,584	4006,005	-3841,680	7683,359
<b>210,500</b>	-4146,808	-10255,315	-2568,083	-7198,466	3369,104	-3838,449	7676,898
<b>211,000</b>	-5842,760	-11940,404	-2932,540	-7750,253	3370,148	-3835,219	7670,437
<b>211,500</b>	-7587,412	-13674,194	-3307,546	-8395,478	3203,399	-3831,988	7663,976
<b>211,854</b>	-8852,744	-14913,109	-3579,559	-8862,351	3260,588	-3829,700	7659,400
<b>212,208</b>	-10142,938	-16195,631	-3856,864	-9335,131	3212,504	-3827,412	7654,823
<b>212,563</b>	-11458,418	-17503,440	-4139,464	-9815,194	3122,361	-3825,123	7650,247
<b>212,917</b>	-12799,612	-18836,963	-4427,356	-10302,174	3181,198	-3822,835	7645,670
<b>213,271</b>	-14166,945	-20196,626	-4720,542	-10796,850	3098,760	-3820,547	7641,094
<b>213,625</b>	-15560,844	-21582,853	-5019,021	-11297,434	3039,282	-3818,259	7636,517
<b>214,021</b>	-17150,772	-23132,153	-5358,880	-11865,281	3105,656	-3815,701	7631,403
<b>214,417</b>	-18775,484	-24748,338	-5705,350	-12443,777	3121,685	-3813,144	7626,288
<b>214,813</b>	-20436,048	-26400,374	-6058,433	-13031,163	3213,159	-3810,586	7621,173
<b>215,208</b>	-22133,531	-28089,330	-6418,128	-13625,324	3324,359	-3808,029	7616,058
<b>215,604</b>	-23869,002	-29816,273	-6784,434	-14234,440	3435,840	-3805,472	7610,943
<b>216,000</b>	-25643,527	-31582,270	-7157,353	-14866,376	3547,321	-3802,914	7605,828
<b>216,396</b>	-23834,853	-29805,091	-6783,290	-14269,041	3471,454	-3813,374	7626,748
<b>216,792</b>	-22065,233	-28066,967	-6415,840	-13679,999	3395,588	-3823,834	7647,668
<b>217,188</b>	-20333,600	-26366,830	-6055,002	-13099,249	3319,721	-3834,294	7668,587
<b>217,583</b>	-18638,887	-24703,612	-5700,775	-12528,216	3248,864	-3844,754	7689,507
<b>217,979</b>	-16980,025	-23076,246	-5353,161	-11964,620	3195,985	-3855,213	7710,427
<b>218,375</b>	-15355,948	-21483,664	-5012,159	-11411,674	3144,624	-3865,673	7731,346
<b>218,729</b>	-13931,494	-20120,380	-4712,656	-10924,411	3219,457	-3875,032	7750,064
<b>219,083</b>	-12533,607	-18750,824	-4418,447	-10443,055	3317,095	-3884,391	7768,782
<b>219,438</b>	-11161,858	-17407,407	-4129,531	-9968,057	3274,003	-3893,750	7787,499
<b>219,792</b>	-9815,823	-16089,703	-3845,908	-9502,690	3379,423	-3903,109	7806,217
<b>220,146</b>	-8495,075	-14797,286	-3567,579	-9043,231	3442,770	-3912,467	7824,935
<b>220,500</b>	-7199,188	-13529,730	-3294,543	-8589,678	3401,290	-3921,826	7843,652
<b>221,000</b>	-5411,400	-11801,620	-2918,092	-7963,267	3589,090	-3935,039	7870,077
<b>221,500</b>	-3672,312	-10102,652	-2552,190	-7472,085	3651,795	-3948,251	7896,502
<b>222,000</b>	-1981,924	-8452,386	-2196,839	-7346,380	4306,045	-3961,463	7922,927
<b>222,500</b>	-340,238	-6850,820	-1852,038	-7220,675	4704,353	-3974,676	7949,352
<b>223,000</b>	1252,748	-5297,955	-1517,787	-7094,969	5324,108	-3987,888	7975,777
<b>223,500</b>	2797,033	-3793,790	-1194,086	-6969,264	5690,908	-4001,101	8002,202
<b>224,000</b>	4292,617	-2338,327	-880,935	-6843,559	6275,942	-4014,313	8028,626
<b>224,500</b>	5739,500	-931,564	-578,334	-6717,853	6609,704	-4027,526	8055,051
<b>225,000</b>	7137,683	426,498	-286,282	-6592,148	7159,809	-4040,738	8081,476
<b>225,500</b>	8487,165	1735,859	-4,781	-6466,443	7459,106	-4053,951	8107,901
<b>226,000</b>	9787,946	2996,520	266,170	-6402,191	8035,538	-4067,163	8134,326
<b>226,500</b>	11040,026	4208,480	526,571	-6338,714	8361,276	-4080,375	8160,751
<b>227,000</b>	12243,406	5371,739	776,422	-6275,237	8903,176	-4093,588	8187,176
<b>227,500</b>	13398,085	6486,297	1015,723	-6211,760	9191,908	-4106,800	8213,601
<b>228,000</b>	14504,063	7552,155	1244,475	-6148,283	9698,337	-4120,013	8240,026
<b>228,500</b>	15561,340	8569,311	1462,676	-6084,806	9948,946	-4133,225	8266,450
<b>229,000</b>	16569,917	9537,767	1670,327	-6021,329	10419,752	-4146,438	8292,875
<b>229,500</b>	17529,793	10457,523	1867,428	-5957,852	10631,227	-4159,650	8319,300

<b>230,000</b>	18440,968	11328,577	2053,979	-5894,375	11066,275	-4172,863	8345,725
<b>230,500</b>	19303,442	12150,931	2229,980	-5830,898	11237,708	-4186,075	8372,150
<b>231,000</b>	20117,216	12924,584	2395,432	-5767,421	11636,876	-4199,287	8398,575
<b>231,500</b>	20882,289	13649,537	2550,333	-5703,944	11767,464	-4212,500	8425,000
<b>232,000</b>	21598,661	14325,788	2694,684	-5640,467	12130,645	-4225,712	8451,425
<b>232,500</b>	22266,332	14953,339	2828,485	-5576,990	12219,686	-4238,925	8477,850
<b>233,000</b>	22885,303	15532,189	2951,736	-5513,513	12546,790	-4252,137	8504,274
<b>233,500</b>	23455,573	16062,338	3064,437	-5450,036	12593,688	-4265,350	8530,699
<b>234,000</b>	23977,142	16543,787	3166,588	-5386,559	12884,636	-4278,562	8557,124
<b>234,500</b>	24450,011	16976,535	3258,190	-5323,082	12888,898	-4291,775	8583,549
<b>235,000</b>	24874,178	17360,582	3339,241	-5259,605	13143,630	-4304,987	8609,974
<b>235,500</b>	25249,645	17695,928	3409,742	-5196,128	13104,867	-4318,199	8636,399
<b>236,000</b>	25576,411	17982,574	3469,693	-5132,651	13323,335	-4331,412	8662,824
<b>236,500</b>	25854,477	18220,518	3519,094	-5069,174	13241,260	-4344,624	8689,249
<b>237,000</b>	26083,841	18409,762	3557,945	-5005,697	13423,432	-4357,837	8715,674
<b>237,500</b>	26264,505	18550,306	3586,246	-4942,220	13297,865	-4371,049	8742,098
<b>238,000</b>	26396,468	18642,148	3603,998	-4878,743	13443,723	-4384,262	8768,523
<b>238,500</b>	26479,731	18685,290	3611,199	-4815,266	13275,382	-4397,474	8794,948
<b>239,000</b>	26514,292	18679,731	3607,850	-4751,789	13384,127	-4410,687	8821,373
<b>239,500</b>	26500,153	18625,472	3593,951	-4708,935	13179,469	-4423,899	8847,798
<b>240,000</b>	26437,313	18522,511	3569,502	-4706,245	13244,682	-4437,111	8874,223
<b>240,500</b>	26325,773	18370,850	3534,503	-4703,555	13003,720	-4450,324	8900,648
<b>241,000</b>	26165,532	18170,488	3488,954	-4700,865	13025,543	-4463,536	8927,073
<b>241,500</b>	25956,589	17921,425	3432,856	-4698,175	12748,304	-4476,749	8953,498
<b>242,000</b>	25698,947	17623,662	3366,207	-4695,485	12726,986	-4489,961	8979,922
<b>242,500</b>	25392,603	17277,198	3289,008	-4692,795	12413,511	-4503,174	9006,347
<b>243,000</b>	25037,559	16882,033	3201,259	-4690,105	12349,405	-4516,386	9032,772
<b>243,500</b>	24633,813	16438,167	3102,960	-4687,415	11999,751	-4529,599	9059,197
<b>244,000</b>	24181,368	15945,601	2994,111	-4684,725	11893,310	-4542,811	9085,622
<b>244,500</b>	23680,221	15404,333	2874,713	-4682,035	11507,549	-4556,023	9112,047
<b>245,000</b>	23130,374	14814,365	2744,764	-4679,345	11359,333	-4569,236	9138,472
<b>245,500</b>	22531,826	14175,697	2604,265	-4676,655	10937,550	-4582,448	9164,897
<b>246,000</b>	21884,577	13488,327	2453,216	-4673,965	10748,223	-4595,661	9191,322
<b>246,500</b>	21188,627	12752,257	2291,617	-4671,275	10290,520	-4608,873	9217,746
<b>247,000</b>	20443,977	11967,486	2119,468	-4668,585	10060,847	-4622,086	9244,171
<b>247,500</b>	19650,626	11134,015	1936,769	-4665,895	9567,340	-4635,298	9270,596
<b>248,000</b>	18808,574	10251,842	1743,521	-4663,205	9298,192	-4648,511	9297,021
<b>248,500</b>	17917,821	9320,969	1539,722	-4660,515	8769,011	-4661,723	9323,446
<b>249,000</b>	16978,368	8341,395	1325,373	-4657,825	8461,362	-4674,935	9349,871
<b>249,500</b>	15990,214	7313,120	1100,474	-4655,135	7896,653	-4688,148	9376,296
<b>250,000</b>	14953,359	6236,145	865,025	-4652,445	7551,581	-4701,360	9402,721
<b>250,500</b>	13867,803	5110,469	619,026	-4649,756	6951,503	-4714,573	9429,146
<b>251,000</b>	12733,547	3936,092	362,477	-4647,066	6570,189	-4727,785	9455,571
<b>251,500</b>	11550,590	2713,014	95,379	-4710,212	6000,756	-4740,998	9481,995
<b>252,000</b>	10318,932	1441,236	-182,270	-4825,359	5702,322	-4754,210	9508,420
<b>252,500</b>	9038,573	120,756	-470,469	-4940,506	5149,886	-4767,423	9534,845

<b>253,000</b>	7709,514	-1248,423	-769,218	-5055,652	4817,884	-4780,635	9561,270
<b>253,500</b>	6331,754	-2666,304	-1078,517	-5170,799	4230,650	-4793,848	9587,695
<b>254,000</b>	4905,293	-4132,886	-1398,366	-5285,946	3866,574	-4807,060	9614,120
<b>254,500</b>	3430,132	-5648,168	-1728,765	-5401,093	3244,761	-4820,272	9640,545
<b>255,000</b>	1906,269	-7212,151	-2069,713	-5516,240	2850,206	-4833,485	9666,970
<b>255,500</b>	333,706	-8824,834	-2421,212	-5741,181	2303,844	-4846,697	9693,395
<b>256,000</b>	-1287,558	-10486,219	-2783,261	-6349,622	2373,805	-4859,910	9719,819
<b>256,500</b>	-2957,523	-12196,304	-3155,860	-6972,264	2191,048	-4873,122	9746,244
<b>256,854</b>	-4169,951	-13408,610	-3426,167	-7423,147	2241,590	-4882,481	9764,962
<b>257,208</b>	-5407,240	-14674,230	-3701,768	-7879,938	2184,148	-4891,840	9783,680
<b>257,563</b>	-6669,816	-15965,138	-3982,662	-8343,967	2083,661	-4901,199	9802,397
<b>257,917</b>	-7958,106	-17281,759	-4268,849	-8814,957	2136,563	-4910,557	9821,115
<b>258,271</b>	-9272,535	-18624,519	-4560,330	-9293,645	2044,176	-4919,916	9839,832
<b>258,625</b>	-10613,530	-19993,845	-4857,104	-9778,239	1975,642	-4929,275	9858,550
<b>259,021</b>	-12144,330	-21506,139	-5195,056	-10328,199	2037,615	-4939,735	9879,470
<b>259,417</b>	-13709,914	-23103,219	-5539,621	-10888,810	2073,910	-4950,195	9900,389
<b>259,813</b>	-15311,350	-24736,150	-5890,797	-11501,913	2160,209	-4960,655	9921,309
<b>260,208</b>	-16949,705	-26406,001	-6248,586	-12170,196	2259,516	-4971,114	9942,229
<b>260,604</b>	-18626,048	-28113,839	-6612,987	-12882,703	2359,075	-4981,574	9963,149
<b>261,000</b>	-20341,445	-29860,732	-6984,000	-13606,215	2458,633	-4992,034	9984,068
<b>261,396</b>	-18702,740	-28117,359	-6609,839	-13057,299	2431,588	-4937,145	9874,290
<b>261,792</b>	-17103,090	-26413,041	-6242,290	-12516,676	2404,543	-4882,256	9764,511
<b>262,188</b>	-15541,427	-24746,710	-5881,354	-11984,346	2377,498	-4827,366	9654,733
<b>262,583</b>	-14016,684	-23117,298	-5527,030	-11461,610	2355,518	-4772,477	9544,954
<b>262,979</b>	-12527,792	-21523,738	-5179,317	-10946,434	2352,310	-4717,588	9435,176
<b>263,375</b>	-11073,685	-19964,963	-4838,217	-10441,907	2359,324	-4662,699	9325,397
<b>263,729</b>	-9801,309	-18646,084	-4538,627	-9997,928	2480,924	-4613,587	9227,174
<b>264,083</b>	-8555,500	-17306,122	-4244,330	-9559,856	2624,321	-4564,476	9128,951
<b>264,438</b>	-7335,830	-15992,300	-3955,326	-9128,265	2634,285	-4515,364	9030,728
<b>264,792</b>	-6141,873	-14704,190	-3671,615	-8706,182	2784,846	-4466,253	8932,506
<b>265,146</b>	-4973,203	-13441,369	-3393,198	-8336,856	2942,487	-4417,141	8834,283
<b>265,500</b>	-3829,394	-12203,408	-3120,075	-8040,183	3067,675	-4368,030	8736,060
<b>265,950</b>	-2411,422	-10691,307	-2780,682	-7925,323	3685,746	-4305,629	8611,259
<b>266,400</b>	-1032,897	-9192,784	-2449,836	-7810,463	4106,519	-4243,229	8486,458
<b>266,850</b>	306,180	-7733,708	-2127,534	-7695,604	4651,168	-4180,829	8361,657
<b>267,300</b>	1605,810	-6314,080	-1813,779	-7580,744	5092,886	-4118,428	8236,856
<b>267,750</b>	2865,992	-4933,900	-1508,568	-7465,884	5565,708	-4056,028	8112,056
<b>268,200</b>	4086,726	-3593,167	-1211,904	-7351,024	6025,730	-3993,627	7987,255
<b>268,650</b>	5268,013	-2291,882	-923,784	-7236,165	6427,343	-3931,227	7862,454
<b>269,100</b>	6409,853	-1030,044	-644,211	-7121,305	6904,029	-3868,826	7737,653
<b>269,550</b>	7512,244	192,346	-373,182	-7006,445	7234,113	-3806,426	7612,852
<b>270,000</b>	8575,188	1375,288	-110,700	-6891,585	7726,784	-3744,026	7488,051
<b>270,450</b>	9598,685	2518,783	143,238	-6776,726	8004,466	-3681,625	7363,250
<b>270,900</b>	10582,733	3622,830	388,629	-6661,866	8444,864	-3619,225	7238,450
<b>271,350</b>	11527,335	4687,429	625,476	-6547,006	8737,070	-3556,824	7113,649
<b>271,800</b>	12432,488	5712,581	853,776	-6432,146	9104,145	-3494,424	6988,848

<b>272,250</b>	13298,194	6698,286	1073,532	-6317,287	9410,703	-3432,024	6864,047
<b>272,700</b>	14124,452	7644,542	1284,741	-6202,427	9702,878	-3369,623	6739,246
<b>273,150</b>	14911,263	8551,351	1487,406	-6087,567	10024,490	-3307,223	6614,445
<b>273,600</b>	15658,626	9418,713	1681,524	-5972,707	10239,378	-3244,822	6489,644
<b>274,050</b>	16366,542	10246,627	1867,098	-5857,848	10577,579	-3182,422	6364,844
<b>274,500</b>	17035,010	11035,093	2044,125	-5742,988	10712,029	-3120,021	6240,043
<b>274,950</b>	17664,030	11784,112	2212,608	-5628,128	11042,949	-3057,621	6115,242
<b>275,400</b>	18253,603	12493,683	2372,544	-5513,268	11164,343	-2995,221	5990,441
<b>275,850</b>	18803,728	13163,806	2523,936	-5398,409	11417,266	-2932,820	5865,640
<b>276,300</b>	19314,406	13794,482	2666,781	-5283,549	11553,061	-2870,420	5740,839
<b>276,750</b>	19785,635	14385,710	2801,082	-5168,689	11724,526	-2808,019	5616,038
<b>277,200</b>	20217,418	14937,491	2926,836	-5053,829	11877,455	-2745,619	5491,238
<b>277,650</b>	20609,752	15449,824	3044,046	-4938,970	11963,318	-2683,218	5366,437
<b>278,100</b>	20962,639	15922,709	3152,709	-4824,110	12136,819	-2620,818	5241,636
<b>278,550</b>	21276,079	16356,147	3252,828	-4709,250	12132,303	-2558,418	5116,835
<b>279,000</b>	21550,071	16750,137	3344,400	-4594,390	12330,471	-2496,017	4992,034
<b>279,450</b>	21784,615	17104,680	3427,427	-4479,530	12256,688	-2433,617	4867,233
<b>279,900</b>	21979,712	17419,775	3501,909	-4364,671	12394,788	-2371,216	4742,432
<b>280,350</b>	22135,361	17695,422	3567,845	-4249,811	12339,432	-2308,816	4617,632
<b>280,800</b>	22251,562	17931,622	3625,236	-4134,951	12386,911	-2246,415	4492,831
<b>281,250</b>	22328,316	18128,374	3674,081	-4020,091	12360,429	-2184,015	4368,030
<b>281,700</b>	22365,622	18285,679	3714,381	-3905,232	12313,478	-2121,615	4243,229
<b>282,150</b>	22363,481	18403,536	3746,135	-3790,372	12307,726	-2059,214	4118,428
<b>282,600</b>	22321,892	18481,945	3769,344	-3675,512	12171,521	-1996,814	3993,627
<b>283,050</b>	22240,855	18520,907	3784,007	-3560,652	12180,263	-1934,413	3868,826
<b>283,500</b>	22120,371	18520,421	3790,125	-3445,793	11960,500	-1872,013	3744,026
<b>284,000</b>	21940,234	18473,615	3786,900	-3318,171	11948,842	-1802,679	3605,358
<b>284,500</b>	21711,396	18378,109	3773,125	-3190,549	11666,771	-1733,345	3466,690
<b>285,000</b>	21433,858	18233,902	3748,800	-3062,927	11601,134	-1664,011	3328,023
<b>285,500</b>	21107,618	18040,994	3713,925	-2935,305	11281,054	-1594,678	3189,355
<b>286,000</b>	20732,678	17799,386	3668,500	-2807,683	11160,633	-1525,344	3050,688
<b>286,500</b>	20309,037	17509,076	3612,525	-2680,061	10802,431	-1456,010	2912,020
<b>287,000</b>	19836,696	17170,066	3546,000	-2552,439	10626,485	-1386,676	2773,352
<b>287,500</b>	19315,654	16782,355	3468,925	-2424,817	10230,061	-1317,342	2634,685
<b>288,000</b>	18745,911	16345,944	3381,300	-2297,195	9997,913	-1248,009	2496,017
<b>288,500</b>	18127,467	15860,831	3283,125	-2169,573	9563,173	-1178,675	2357,349
<b>289,000</b>	17460,322	15327,018	3174,400	-2041,951	9274,213	-1109,341	2218,682
<b>289,500</b>	16744,477	14744,505	3055,125	-1914,329	8801,075	-1040,007	2080,014
<b>290,000</b>	15979,931	14113,290	2925,300	-1786,707	8454,756	-970,673	1941,347
<b>290,500</b>	15166,684	13433,375	2784,925	-1659,085	7943,144	-901,340	1802,679
<b>291,000</b>	14304,736	12704,759	2634,000	-1531,463	7538,985	-832,006	1664,011
<b>291,500</b>	13394,088	11927,442	2472,525	-1403,841	6988,836	-762,672	1525,344
<b>292,000</b>	12434,739	11101,424	2300,500	-1276,220	6526,419	-693,338	1386,676
<b>292,500</b>	11426,689	10226,706	2117,925	-1148,598	5937,677	-624,004	1248,009
<b>292,854</b>	10683,117	9580,982	1982,218	-1058,241	5568,791	-574,893	1149,786
<b>293,208</b>	9914,685	8906,701	1841,218	-967,885	5155,661	-525,781	1051,563

<b>293,563</b>	9120,964	8207,134	1694,924	-877,273	4716,200	-476,670	953,340
<b>293,917</b>	8301,531	7481,852	1543,337	-786,917	4305,615	-427,559	855,117
<b>294,271</b>	7455,958	6730,432	1386,457	-696,561	3848,344	-378,447	756,894
<b>294,625</b>	6583,820	5952,445	1224,283	-606,204	3373,225	-329,336	658,671
<b>295,021</b>	5577,036	5053,695	1036,766	-505,128	2833,864	-274,446	548,893
<b>295,417</b>	4535,468	4116,795	842,637	-404,051	2283,854	-219,557	439,114
<b>295,813</b>	3458,047	3144,043	641,896	-302,975	1724,954	-164,668	329,336
<b>296,208</b>	2343,708	2134,372	434,543	-202,153	1159,207	-109,779	219,557
<b>296,604</b>	1191,381	1086,713	220,577	-101,077	583,750	-54,889	109,779
<b>297,000</b>	0,000	0,000	0,000	0,000	0,000	0,000	0,000

➤ **Momentos flectores devido ao pré-esforço**

<b>Posiçã o (x)</b>	<b>M<sub>PE,0</sub> [kN.m]</b>	<b>M<sub>PE,iso,0</sub> [kN.m]</b>	<b>M<sub>PE,hip,0</sub> [kN.m]</b>	<b>M<sub>PE,∞</sub> [kN.m]</b>	<b>M<sub>PE,isso,∞</sub> [kN.m]</b>	<b>M<sub>PE,hip,∞</sub> [kN.m]</b>
<b>0,00</b>	0,00	0,00	0,00	0,00	0,00	0,00
<b>0,40</b>	-1837,87	-1953,41	115,54	-1562,23	-1706,60	144,38
<b>0,79</b>	-3625,93	-3857,59	231,66	-3082,37	-3371,99	289,62
<b>1,19</b>	-5363,78	-5712,07	348,29	-4560,77	-4996,49	435,72
<b>1,58</b>	-7051,07	-7516,53	465,46	-5997,60	-6580,39	582,79
<b>1,98</b>	-8687,41	-9270,63	583,22	-7392,90	-8123,82	730,91
<b>2,38</b>	-10272,44	-10973,91	701,48	-8746,65	-9626,71	880,07
<b>2,73</b>	-11649,61	-12457,59	807,99	-9869,97	-10880,86	1010,90
<b>3,08</b>	-12982,63	-13897,35	914,72	-11008,62	-12154,59	1145,96
<b>3,44</b>	-14273,70	-15295,64	1021,94	-12114,26	-13396,33	1282,07
<b>3,79</b>	-15522,55	-16652,15	1129,60	-13186,29	-14605,45	1419,16
<b>4,15</b>	-16728,89	-17966,57	1237,68	-14224,42	-15781,65	1557,23
<b>4,50</b>	-17892,46	-19238,69	1346,23	-15228,28	-16924,64	1696,36
<b>5,00</b>	-19445,32	-20944,29	1498,97	-16534,90	-18425,49	1890,59
<b>5,50</b>	-20926,77	-22580,51	1653,74	-17822,52	-19913,38	2090,85
<b>6,00</b>	-22320,89	-24130,31	1809,42	-19036,86	-21329,84	2292,99
<b>6,50</b>	-23626,89	-25592,89	1966,00	-20177,85	-22674,99	2497,13
<b>7,00</b>	-24843,96	-26967,45	2123,49	-21241,13	-23944,04	2702,91
<b>7,50</b>	-25971,29	-28253,19	2281,90	-22227,42	-25137,98	2910,56
<b>8,00</b>	-27008,07	-29449,30	2441,23	-23131,50	-26251,03	3119,53
<b>8,50</b>	-27953,49	-30554,97	2601,47	-23955,10	-27285,29	3330,19
<b>9,00</b>	-28806,73	-31569,37	2762,64	-24692,18	-28234,02	3541,84
<b>9,50</b>	-29566,94	-32491,69	2924,76	-25345,58	-29100,55	3754,98
<b>10,00</b>	-30233,31	-33321,10	3087,79	-25908,49	-29877,22	3968,73
<b>10,50</b>	-30804,99	-34056,77	3251,77	-26384,93	-30568,72	4183,78
<b>11,00</b>	-31281,16	-34697,85	3416,69	-26767,42	-31166,47	4399,06
<b>11,50</b>	-31660,95	-35243,51	3582,56	-27061,08	-31676,52	4615,44
<b>12,00</b>	-31943,53	-35692,91	3749,38	-27257,89	-32089,54	4831,65
<b>12,50</b>	-32128,02	-36045,18	3917,16	-27364,02	-32412,83	5048,80
<b>13,00</b>	-32213,58	-36299,47	4085,89	-27371,06	-32636,44	5265,39

<b>13,50</b>	-32199,34	-36454,92	4255,59	-27286,07	-32768,82	5482,75
<b>13,95</b>	-32123,82	-36534,23	4410,41	-27146,75	-32826,54	5679,79
<b>14,40</b>	-31966,10	-36528,15	4562,05	-26932,47	-32804,52	5872,05
<b>14,85</b>	-31754,21	-36468,48	4714,27	-26665,46	-32729,39	6063,93
<b>15,30</b>	-31487,84	-36354,91	4867,07	-26349,92	-32606,29	6256,37
<b>15,75</b>	-31166,65	-36187,10	5020,45	-25983,10	-32431,82	6448,72
<b>16,20</b>	-30790,33	-35964,73	5174,40	-25565,87	-32207,08	6641,20
<b>16,65</b>	-30358,53	-35687,47	5328,95	-25098,93	-31932,94	6834,00
<b>17,10</b>	-29870,92	-35354,99	5484,07	-24579,75	-31606,17	7026,42
<b>17,55</b>	-29327,18	-34966,96	5639,78	-24012,38	-31231,99	7219,61
<b>18,00</b>	-28726,96	-34523,04	5796,08	-23391,38	-30803,34	7411,96
<b>18,45</b>	-28069,93	-34022,91	5952,98	-22723,03	-30328,45	7605,42
<b>18,90</b>	-27355,76	-33466,22	6110,46	-22001,40	-29799,46	7798,06
<b>19,35</b>	-26584,11	-32852,64	6268,53	-21231,10	-29222,55	7991,46
<b>19,80</b>	-25754,64	-32181,83	6427,20	-20409,08	-28593,62	8184,54
<b>20,25</b>	-24867,00	-31453,46	6586,46	-19537,11	-27915,09	8377,97
<b>20,70</b>	-23920,85	-30667,18	6746,33	-18614,68	-27186,28	8571,60
<b>21,15</b>	-22915,85	-29822,64	6906,79	-17641,35	-26406,59	8765,23
<b>21,60</b>	-21851,66	-28919,51	7067,86	-16618,44	-25578,02	8959,57
<b>22,05</b>	-20727,92	-27957,45	7229,53	-15544,00	-24697,67	9153,67
<b>22,50</b>	-19544,30	-26936,10	7391,80	-14421,30	-23770,83	9349,53
<b>22,95</b>	-18300,43	-25855,11	7554,68	-13245,11	-22789,12	9544,01
<b>23,40</b>	-16995,98	-24714,15	7718,17	-12020,24	-21760,67	9740,43
<b>23,85</b>	-15630,58	-23512,85	7882,27	-10743,97	-20681,09	9937,12
<b>24,30</b>	-14203,89	-22250,87	8046,98	-9417,16	-19552,27	10135,11
<b>24,75</b>	-12715,54	-20927,85	8212,31	-8038,98	-18373,04	10334,06
<b>25,20</b>	-11165,19	-19543,44	8378,25	-6609,23	-17143,58	10534,35
<b>25,65</b>	-9552,47	-18097,28	8544,81	-5127,52	-15863,85	10736,33
<b>26,10</b>	-7877,04	-16589,02	8711,99	-3593,03	-14532,87	10939,84
<b>26,55</b>	-6138,51	-15018,30	8879,78	-2005,28	-13151,08	11145,80
<b>27,00</b>	-4336,54	-13384,75	9048,21	-363,18	-11716,83	11353,65
<b>27,45</b>	-2470,76	-11688,01	9217,26	1334,23	-10230,45	11564,68
<b>27,90</b>	-540,80	-9927,73	9386,93	3088,19	-8690,15	11778,34
<b>28,35</b>	1453,70	-8103,53	9557,23	4900,25	-7095,43	11995,67
<b>28,80</b>	3513,10	-6215,06	9728,16	6771,97	-5444,68	12216,65
<b>29,25</b>	5637,79	-4261,93	9899,73	8724,12	-3744,61	12468,73
<b>29,70</b>	7828,13	-2243,80	10071,93	10714,60	-1971,48	12686,08
<b>30,15</b>	10084,49	-160,27	10244,76	12766,92	-140,86	12907,78
<b>30,60</b>	12407,24	1989,01	10418,23	14883,51	1749,18	13134,33
<b>31,05</b>	14786,14	4201,41	10584,73	17067,46	3700,93	13366,53
<b>31,50</b>	17171,53	6455,56	10715,98	19263,17	5699,63	13563,54
<b>31,85</b>	18943,59	8153,32	10790,27	20980,18	7245,76	13734,42
<b>32,21</b>	20559,64	9695,85	10863,78	22450,19	8618,69	13831,50
<b>32,56</b>	22021,54	11085,11	10936,43	23779,80	9854,45	13925,34
<b>32,92</b>	23331,17	12322,91	11008,27	24968,59	10953,43	14015,17
<b>33,27</b>	24490,39	13411,06	11079,33	26016,20	11915,96	14100,24

<b>33,63</b>	25501,02	14351,46	11149,56	26922,57	12742,66	14179,90
<b>34,02</b>	26456,94	15229,83	11227,12	27915,08	13589,15	14325,93
<b>34,42</b>	27232,06	15928,38	11303,67	28596,86	14192,91	14403,95
<b>34,81</b>	27828,85	16449,59	11379,27	29107,51	14632,06	14475,45
<b>35,21</b>	28249,80	16795,92	11453,89	29449,84	14909,33	14540,51
<b>35,60</b>	28497,35	16969,82	11527,53	29627,32	15027,92	14599,41
<b>36,00</b>	28573,92	16973,70	11600,22	29644,19	14991,51	14652,69
<b>36,40</b>	28352,04	16809,96	11542,08	29458,46	14870,26	14588,20
<b>36,79</b>	27965,20	16480,96	11484,23	29119,46	14598,82	14520,63
<b>37,19</b>	27415,74	15989,08	11426,66	28627,53	14178,20	14449,33
<b>37,58</b>	26705,98	15336,62	11369,37	27983,81	13609,92	14373,90
<b>37,98</b>	25838,24	14525,87	11312,36	27190,22	12896,01	14294,21
<b>38,38</b>	24814,79	13559,17	11255,62	26249,45	12039,10	14210,35
<b>38,73</b>	23768,94	12563,83	11205,10	25157,30	11087,12	14070,17
<b>39,08</b>	22601,85	11447,07	11154,78	24086,65	10097,52	13989,13
<b>39,44</b>	21315,11	10210,42	11104,70	22905,37	9000,57	13904,80
<b>39,79</b>	19910,31	8855,47	11054,84	21616,82	7799,08	13817,74
<b>40,15</b>	18389,00	7383,84	11005,16	20224,57	6495,91	13728,65
<b>40,50</b>	16752,74	5797,00	10955,74	18732,21	5093,71	13638,50
<b>41,00</b>	14461,70	3534,67	10927,03	16580,87	3082,93	13497,94
<b>41,50</b>	12244,04	1345,67	10898,36	14601,85	1172,27	13429,58
<b>42,00</b>	10099,31	-770,45	10869,76	12693,57	-670,49	13364,05
<b>42,50</b>	8027,04	-2814,16	10841,19	10854,48	-2447,03	13301,51
<b>43,00</b>	6026,79	-4785,90	10812,68	9055,39	-4146,39	13201,78
<b>43,50</b>	4098,10	-6686,13	10784,23	7345,41	-5782,87	13128,28
<b>44,00</b>	2240,52	-8515,30	10755,82	5703,49	-7353,42	13056,91
<b>44,50</b>	453,60	-10273,87	10727,47	4128,51	-8859,90	12988,41
<b>45,00</b>	-1265,95	-11989,15	10723,20	2618,42	-10301,93	12920,36
<b>45,50</b>	-2896,76	-13518,94	10622,17	1176,17	-11716,36	12892,53
<b>46,00</b>	-4487,27	-15129,03	10641,77	-208,83	-12934,00	12725,17
<b>46,50</b>	-6022,84	-16684,21	10661,37	-1530,54	-14259,49	12728,95
<b>47,00</b>	-7503,09	-18184,07	10680,98	-2804,40	-15537,59	12733,19
<b>47,50</b>	-8927,61	-19628,21	10700,60	-4030,91	-16770,83	12739,92
<b>48,00</b>	-10296,01	-21016,25	10720,24	-5209,46	-17956,16	12746,70
<b>48,50</b>	-11607,90	-22347,78	10739,88	-6340,93	-19096,84	12755,91
<b>49,00</b>	-12862,84	-23622,39	10759,55	-7424,00	-20188,78	12764,79
<b>49,50</b>	-14060,47	-24839,69	10779,22	-8460,01	-21236,02	12776,01
<b>50,00</b>	-15200,37	-25999,27	10798,90	-9446,90	-22233,43	12786,53
<b>50,50</b>	-16282,12	-27100,72	10818,60	-10386,53	-23185,85	12799,32
<b>51,00</b>	-17305,33	-28143,63	10838,30	-11276,09	-24087,16	12811,07
<b>51,50</b>	-18269,57	-29127,59	10858,02	-12118,01	-24943,02	12825,01
<b>52,00</b>	-19174,45	-30052,20	10877,75	-12908,73	-25746,32	12837,60
<b>52,50</b>	-20019,53	-30917,02	10897,49	-13651,28	-26503,59	12852,31
<b>53,00</b>	-20804,42	-31721,66	10917,24	-14341,38	-27206,77	12865,39
<b>53,50</b>	-21528,68	-32465,68	10937,00	-14982,67	-27863,21	12880,54
<b>54,00</b>	-22191,90	-33148,67	10956,77	-15570,19	-28463,99	12893,79

<b>54,50</b>	-22793,65	-33770,21	10976,56	-16108,16	-29017,24	12909,08
<b>55,00</b>	-23333,52	-34329,87	10996,35	-16591,02	-29513,25	12922,23
<b>55,50</b>	-23811,07	-34827,22	11016,15	-17023,52	-29960,90	12937,38
<b>56,00</b>	-24225,88	-35261,85	11035,97	-17399,56	-30349,75	12950,19
<b>56,50</b>	-24577,52	-35633,31	11055,79	-17724,40	-30689,38	12964,97
<b>57,00</b>	-24865,55	-35941,17	11075,63	-17991,48	-30968,72	12977,25
<b>57,50</b>	-25089,54	-36185,01	11095,47	-18206,47	-31197,94	12991,47
<b>58,00</b>	-25249,06	-36364,38	11115,32	-18362,46	-31365,50	13003,04
<b>58,50</b>	-25343,67	-36478,86	11135,19	-18465,46	-31482,01	13016,55
<b>59,00</b>	-25372,92	-36527,99	11155,06	-18508,33	-31535,60	13027,28
<b>59,50</b>	-25336,39	-36511,33	11174,95	-18497,22	-31537,11	13039,89
<b>60,00</b>	-25233,61	-36428,45	11194,84	-18425,09	-31474,83	13049,74
<b>60,50</b>	-25064,16	-36278,90	11214,74	-18297,92	-31359,30	13061,38
<b>61,00</b>	-24827,57	-36062,23	11234,65	-18108,97	-31179,28	13070,30
<b>61,50</b>	-24523,41	-35777,98	11254,57	-17863,94	-30944,85	13080,91
<b>62,00</b>	-24151,21	-35425,71	11274,51	-17556,49	-30645,39	13088,90
<b>62,50</b>	-23710,53	-35004,97	11294,44	-17191,92	-30290,41	13098,49
<b>63,00</b>	-23200,91	-34515,30	11314,39	-16764,41	-29870,00	13105,59
<b>63,50</b>	-22621,89	-33956,23	11334,35	-16278,79	-29393,00	13114,21
<b>64,00</b>	-21973,01	-33327,32	11354,31	-15729,80	-28850,31	13120,51
<b>64,50</b>	-21253,81	-32628,09	11374,28	-15121,72	-28250,01	13128,29
<b>65,00</b>	-20463,82	-31858,09	11394,27	-14449,93	-27583,88	13133,95
<b>65,50</b>	-19602,59	-31016,84	11414,26	-13718,09	-26859,16	13141,08
<b>66,00</b>	-18669,64	-30103,89	11434,25	-12922,23	-26068,56	13146,33
<b>66,50</b>	-17664,49	-29118,75	11454,26	-12065,36	-25218,44	13153,09
<b>67,00</b>	-16586,69	-28060,97	11474,28	-11144,15	-24302,42	13158,27
<b>67,50</b>	-15435,76	-26930,05	11494,29	-10160,91	-23325,93	13165,02
<b>68,00</b>	-14211,21	-25725,53	11514,32	-9112,95	-22283,51	13170,56
<b>68,50</b>	-12912,57	-24446,93	11534,36	-8001,85	-21179,62	13177,78
<b>69,00</b>	-11539,36	-23093,77	11554,40	-6825,45	-20009,67	13184,22
<b>69,50</b>	-10091,10	-21665,55	11574,45	-5584,62	-18777,12	13192,51
<b>70,00</b>	-8567,30	-20161,81	11594,51	-4277,65	-17478,18	13200,52
<b>70,50</b>	-6967,47	-18582,05	11614,58	-2904,66	-16115,26	13210,60
<b>71,00</b>	-5291,12	-16925,78	11634,65	-1464,27	-14685,26	13220,99
<b>71,50</b>	-3537,77	-15192,51	11654,73	44,15	-13189,56	13233,71
<b>72,00</b>	-1706,93	-13381,75	11674,81	1621,78	-11625,43	13247,20
<b>72,50</b>	201,92	-11492,99	11694,91	3269,97	-9993,45	13263,42
<b>73,00</b>	2189,26	-9525,75	11715,01	4990,00	-8291,35	13281,35
<b>73,50</b>	4255,59	-7479,52	11735,11	6783,89	-6518,48	13302,37
<b>74,00</b>	6401,42	-5353,80	11755,22	8653,23	-4672,65	13325,88
<b>74,50</b>	8627,25	-3148,09	11775,34	10616,69	-2756,45	13373,13
<b>75,00</b>	10933,59	-861,87	11795,46	12633,27	-755,29	13388,55
<b>75,50</b>	13320,94	1505,35	11815,59	14728,45	1320,68	13407,76
<b>76,00</b>	15782,04	3952,15	11829,88	16905,04	3474,02	13431,02
<b>76,50</b>	18249,59	6452,66	11796,94	19167,54	5707,98	13459,56
<b>76,85</b>	19892,20	8149,66	11742,53	20754,23	7268,76	13485,48

<b>77,21</b>	21379,92	9691,50	11688,42	22110,91	8666,30	13444,61
<b>77,56</b>	22714,64	11080,14	11634,50	23280,36	9909,36	13371,00
<b>77,92</b>	23898,20	12317,38	11580,83	24308,75	11014,46	13294,29
<b>78,27</b>	24932,47	13405,04	11527,42	25195,85	11981,88	13213,97
<b>78,62</b>	25819,25	14345,02	11474,23	25941,80	12812,17	13129,63
<b>79,02</b>	26638,07	15222,99	11415,07	26749,96	13658,41	13091,55
<b>79,42</b>	27277,43	15921,23	11356,20	27268,71	14271,50	12997,21
<b>79,81</b>	27739,83	16442,20	11297,63	27602,54	14711,00	12891,54
<b>80,21</b>	28027,73	16788,38	11239,36	27769,59	14987,41	12782,17
<b>80,60</b>	28143,56	16962,20	11181,36	27773,67	15104,09	12669,57
<b>81,00</b>	28089,75	16966,08	11123,66	27619,29	15064,90	12554,40
<b>81,40</b>	27873,99	16802,42	11071,57	27462,26	14942,65	12519,62
<b>81,79</b>	27493,28	16473,57	11019,71	27151,53	14669,47	12482,06
<b>82,19</b>	26949,99	15981,90	10968,09	26687,77	14246,53	12441,24
<b>82,58</b>	26246,43	15329,74	10916,69	26072,25	13675,40	12396,85
<b>82,98</b>	25384,90	14519,36	10865,55	25306,85	12958,10	12348,75
<b>83,38</b>	24367,70	13553,08	10814,62	24394,02	12097,12	12296,90
<b>83,73</b>	23327,46	12558,19	10769,26	23329,65	11140,81	12188,84
<b>84,08</b>	22166,00	11441,94	10724,06	22270,83	10140,76	12130,07
<b>84,44</b>	20884,91	10205,83	10679,07	21114,40	9039,20	12075,20
<b>84,79</b>	19485,77	8851,50	10634,27	19850,43	7832,64	12017,79
<b>85,15</b>	17970,14	7380,53	10589,61	18482,37	6523,94	11958,44
<b>85,50</b>	16339,58	5794,40	10545,17	17013,72	5115,75	11897,97
<b>86,00</b>	14055,01	3533,08	10521,93	14894,44	3096,37	11798,07
<b>86,50</b>	11843,78	1345,07	10498,71	12911,37	1174,71	11736,66
<b>87,00</b>	9705,43	-770,10	10475,53	11032,68	-671,89	11704,57
<b>87,50</b>	7639,48	-2812,89	10452,37	9222,75	-2452,19	11674,94
<b>88,00</b>	5645,49	-4783,75	10429,24	7458,51	-4155,92	11614,43
<b>88,50</b>	3723,01	-6683,13	10406,14	5778,85	-5796,63	11575,47
<b>89,00</b>	1871,59	-8511,48	10383,07	4166,66	-7371,45	11538,12
<b>89,50</b>	90,77	-10269,26	10360,03	2620,81	-8882,22	11503,03
<b>90,00</b>	-1623,53	-11983,77	10360,24	1139,58	-10328,55	11468,12
<b>90,50</b>	-3247,40	-13518,94	10271,54	-277,83	-11716,40	11438,57
<b>91,00</b>	-4834,25	-15129,03	10294,79	-1636,87	-13071,94	11435,07
<b>91,50</b>	-6366,15	-16684,21	10318,06	-2911,43	-14230,83	11319,40
<b>92,00</b>	-7842,69	-18184,07	10341,37	-4158,88	-15506,96	11348,08
<b>92,50</b>	-9263,50	-19628,21	10364,71	-5359,29	-16738,33	11379,04
<b>93,00</b>	-10628,17	-21016,25	10388,08	-6511,81	-17921,92	11410,11
<b>93,50</b>	-11936,30	-22347,78	10411,48	-7617,50	-19060,92	11443,42
<b>94,00</b>	-13187,48	-23622,39	10434,91	-8674,77	-20151,28	11476,51
<b>94,50</b>	-14381,32	-24839,69	10458,37	-9685,18	-21196,98	11511,79
<b>95,00</b>	-15517,41	-25999,27	10481,86	-10646,38	-22192,92	11546,54
<b>95,50</b>	-16595,33	-27100,72	10505,38	-11560,49	-23143,91	11583,42
<b>96,00</b>	-17614,70	-28143,63	10528,93	-12424,37	-24043,83	11619,46
<b>96,50</b>	-18575,08	-29127,59	10552,51	-13240,75	-24898,35	11657,59
<b>97,00</b>	-19476,07	-30052,20	10576,13	-14005,74	-25700,34	11694,61

<b>97,50</b>	-20317,26	-30917,02	10599,77	-14722,66	-26456,34	11733,68
<b>98,00</b>	-21098,22	-31721,66	10623,44	-15386,91	-27158,28	11771,36
<b>98,50</b>	-21818,54	-32465,68	10647,14	-16002,44	-27813,51	11811,07
<b>99,00</b>	-22477,80	-33148,67	10670,87	-16563,96	-28413,11	11849,15
<b>99,50</b>	-23075,58	-33770,21	10694,63	-17076,01	-28965,23	11889,22
<b>100,00</b>	-23611,45	-34329,87	10718,42	-17532,68	-29460,14	11927,46
<b>100,50</b>	-24084,98	-34827,22	10742,24	-17939,07	-29906,74	11967,67
<b>101,00</b>	-24495,75	-35261,85	10766,09	-18288,73	-30294,58	12005,85
<b>101,50</b>	-24843,33	-35633,31	10789,97	-18587,26	-30633,25	12045,99
<b>102,00</b>	-25127,29	-35941,17	10813,88	-18827,77	-30911,68	12083,91
<b>102,50</b>	-25347,19	-36185,01	10837,82	-19016,25	-31140,06	12123,80
<b>103,00</b>	-25502,59	-36364,38	10861,79	-19145,49	-31306,82	12161,33
<b>103,50</b>	-25593,07	-36478,86	10885,79	-19221,81	-31422,62	12200,82
<b>104,00</b>	-25618,17	-36527,99	10909,82	-19237,75	-31475,57	12237,82
<b>104,50</b>	-25577,46	-36511,33	10933,87	-19199,77	-31476,50	12276,73
<b>105,00</b>	-25470,49	-36428,45	10957,97	-19100,58	-31413,75	12313,17
<b>105,50</b>	-25296,82	-36278,90	10982,08	-18946,40	-31297,82	12351,43
<b>106,00</b>	-25056,00	-36062,23	11006,23	-18730,27	-31117,52	12387,25
<b>106,50</b>	-24747,58	-35777,98	11030,40	-18458,11	-30882,90	12424,79
<b>107,00</b>	-24371,11	-35425,71	11054,61	-18123,39	-30583,38	12459,99
<b>107,50</b>	-23926,13	-35004,97	11078,84	-17731,61	-30228,43	12496,82
<b>108,00</b>	-23412,20	-34515,30	11103,10	-17276,79	-29808,21	12531,41
<b>108,50</b>	-22828,84	-33956,23	11127,39	-16763,91	-29331,50	12567,59
<b>109,00</b>	-22175,60	-33327,32	11151,72	-16187,60	-28789,26	12601,66
<b>109,50</b>	-21452,02	-32628,09	11176,07	-15552,26	-28189,55	12637,29
<b>110,00</b>	-20657,64	-31858,09	11200,45	-14853,17	-27524,17	12671,00
<b>110,50</b>	-19791,99	-31016,84	11224,85	-14094,10	-26800,36	12706,26
<b>111,00</b>	-18854,60	-30103,89	11249,29	-13271,01	-26010,85	12739,84
<b>111,50</b>	-17844,99	-29118,75	11273,76	-12386,99	-25161,98	12774,99
<b>112,00</b>	-16762,71	-28060,97	11298,26	-11438,64	-24247,40	12808,76
<b>112,50</b>	-15607,27	-26930,05	11322,78	-10428,37	-23272,55	12844,17
<b>113,00</b>	-14378,20	-25725,53	11347,33	-9353,41	-22231,96	12878,56
<b>113,50</b>	-13075,02	-24446,93	11371,91	-8215,41	-21130,12	12914,71
<b>114,00</b>	-11697,24	-23093,77	11396,52	-7012,17	-19962,43	12950,26
<b>114,50</b>	-10244,39	-21665,55	11421,16	-5744,59	-18732,36	12987,76
<b>115,00</b>	-8715,98	-20161,81	11445,83	-4410,96	-17436,11	13025,16
<b>115,50</b>	-7111,52	-18582,05	11470,53	-3011,38	-16076,13	13064,75
<b>116,00</b>	-5430,53	-16925,78	11495,25	-1544,49	-14649,30	13104,82
<b>116,50</b>	-3672,51	-15192,51	11520,00	-9,63	-13157,01	13147,38
<b>117,00</b>	-1836,96	-13381,75	11544,79	1594,37	-11596,43	13190,80
<b>117,50</b>	76,60	-11492,99	11569,59	3268,85	-9968,30	13237,15
<b>118,00</b>	2068,68	-9525,75	11594,43	5015,14	-8270,34	13285,48
<b>118,50</b>	4139,77	-7479,52	11619,29	6835,28	-6501,87	13337,16
<b>119,00</b>	6290,38	-5353,80	11644,19	8730,91	-4660,71	13391,62
<b>119,50</b>	8521,02	-3148,09	11669,11	10721,21	-2749,47	13470,68
<b>120,00</b>	10832,19	-861,87	11694,06	12764,04	-753,37	13517,40

<b>120,50</b>	13224,39	1505,35	11719,04	14885,42	1317,30	13568,12
<b>121,00</b>	15690,40	3952,15	11738,24	17088,13	3465,04	13623,09
<b>121,50</b>	18163,24	6452,66	11710,58	19376,72	5693,09	13683,64
<b>121,85</b>	19809,78	8149,66	11660,12	21046,52	7272,22	13774,30
<b>122,21</b>	21301,42	9691,50	11609,92	22469,62	8687,39	13782,23
<b>122,56</b>	22640,01	11080,14	11559,88	23715,66	9955,59	13760,07
<b>122,92</b>	23827,44	12317,38	11510,06	24769,25	11065,66	13703,59
<b>123,27</b>	24865,51	13405,04	11460,47	25680,60	12037,38	13643,23
<b>123,63</b>	25756,09	14345,02	11411,07	26449,85	12871,33	13578,52
<b>124,02</b>	26579,10	15222,99	11356,11	27283,86	13721,49	13562,37
<b>124,42</b>	27222,62	15921,23	11301,39	27826,89	14337,32	13489,57
<b>124,81</b>	27689,14	16442,20	11246,94	28199,36	14787,08	13412,28
<b>125,21</b>	27981,13	16788,38	11192,75	28388,20	15064,93	13323,28
<b>125,60</b>	28101,00	16962,20	11138,80	28412,85	15182,26	13230,59
<b>126,00</b>	28051,19	16966,08	11085,11	28277,85	15142,96	13134,89
<b>126,40</b>	27836,32	16802,42	11033,90	28113,76	15019,99	13093,77
<b>126,79</b>	27456,50	16473,57	10982,93	27795,24	14745,40	13049,84
<b>127,19</b>	26914,08	15981,90	10932,18	27322,92	14320,33	13002,59
<b>127,58</b>	26211,39	15329,74	10881,65	26698,04	13746,34	12951,70
<b>127,98</b>	25350,72	14519,36	10831,37	25922,46	13025,46	12897,00
<b>128,38</b>	24334,37	13553,08	10781,29	24998,63	12160,17	12838,46
<b>128,73</b>	23294,88	12558,19	10736,69	23922,80	11198,97	12723,84
<b>129,08</b>	22134,18	11441,94	10692,24	22852,62	10193,90	12658,71
<b>129,44</b>	20853,83	10205,83	10648,00	21672,22	9081,63	12590,59
<b>129,79</b>	19455,43	8851,50	10603,93	20396,65	7869,60	12527,05
<b>130,15</b>	17940,54	7380,53	10560,01	19016,44	6554,90	12461,54
<b>130,50</b>	16310,70	5794,40	10516,30	17535,10	5140,17	12394,92
<b>131,00</b>	14027,05	3533,08	10493,97	15398,35	3111,30	12287,05
<b>131,50</b>	11816,73	1345,07	10471,66	13398,49	1180,42	12218,07
<b>132,00</b>	9679,28	-770,10	10449,39	11478,10	-673,63	12151,73
<b>132,50</b>	7614,24	-2812,89	10427,13	9657,23	-2458,63	12115,85
<b>133,00</b>	5621,15	-4783,75	10404,90	7879,70	-4166,24	12045,94
<b>133,50</b>	3699,56	-6683,13	10382,69	6188,86	-5810,76	11999,62
<b>134,00</b>	1849,03	-8511,48	10360,51	4565,91	-7389,11	11955,01
<b>134,50</b>	69,10	-10269,26	10338,36	3009,70	-8903,11	11912,80
<b>135,00</b>	-1644,36	-11983,77	10339,41	1518,43	-10352,39	11870,82
<b>135,50</b>	-3267,22	-13518,94	10251,71	91,48	-11742,95	11834,43
<b>136,00</b>	-4853,29	-15129,03	10275,74	-1272,66	-13066,80	11794,14
<b>136,50</b>	-6384,39	-16684,21	10299,81	-2581,32	-14368,35	11787,03
<b>137,00</b>	-7860,15	-18184,07	10323,91	-3796,61	-15459,00	11662,39
<b>137,50</b>	-9280,17	-19628,21	10348,05	-4997,40	-16685,96	11688,56
<b>138,00</b>	-10644,03	-21016,25	10372,22	-6150,38	-17865,22	11714,84
<b>138,50</b>	-11951,35	-22347,78	10396,43	-7256,58	-19000,01	11743,43
<b>139,00</b>	-13201,73	-23622,39	10420,66	-8314,49	-20086,27	11771,78
<b>139,50</b>	-14394,76	-24839,69	10444,93	-9325,62	-21127,99	11802,37
<b>140,00</b>	-15530,03	-25999,27	10469,24	-10287,69	-22120,10	11832,41

140,50	-16607,13	-27100,72	10493,58	-11202,77	-23067,41	11864,63
141,00	-17625,68	-28143,63	10517,95	-12067,82	-23963,80	11895,99
141,50	-18585,23	-29127,59	10542,36	-12885,47	-24814,95	11929,48
142,00	-19485,39	-30052,20	10566,81	-13651,95	-25613,75	11961,81
142,50	-20325,74	-30917,02	10591,28	-14370,50	-26366,73	11996,23
143,00	-21105,87	-31721,66	10615,79	-15036,62	-27065,83	12029,22
143,50	-21825,35	-32465,68	10640,33	-15654,16	-27718,42	12064,26
144,00	-22483,76	-33148,67	10664,91	-16217,95	-28315,58	12097,63
144,50	-23080,69	-33770,21	10689,52	-16732,42	-28865,46	12133,03
145,00	-23615,71	-34329,87	10714,16	-17191,80	-29358,33	12166,53
145,50	-24088,38	-34827,22	10738,84	-17601,06	-29803,10	12202,03
146,00	-24498,29	-35261,85	10763,55	-17953,89	-30189,33	12235,44
146,50	-24845,01	-35633,31	10788,30	-18255,76	-30526,60	12270,84
147,00	-25128,09	-35941,17	10813,08	-18499,91	-30803,87	12303,96
147,50	-25347,12	-36185,01	10837,89	-18692,23	-31031,30	12339,08
148,00	-25501,65	-36364,38	10862,73	-18825,60	-31197,36	12371,76
148,50	-25591,24	-36478,86	10887,61	-18906,25	-31312,68	12406,43
149,00	-25615,46	-36527,99	10912,53	-18926,82	-31365,38	12438,56
149,50	-25573,86	-36511,33	10937,47	-18893,70	-31366,31	12472,61
150,00	-25466,00	-36428,45	10962,46	-18799,66	-31303,80	12504,14
150,50	-25291,43	-36278,90	10987,47	-18650,85	-31188,35	12537,50
151,00	-25049,71	-36062,23	11012,52	-18440,40	-31008,77	12568,37
151,50	-24740,39	-35777,98	11037,59	-18174,13	-30775,12	12600,99
152,00	-24363,01	-35425,71	11062,71	-17845,61	-30476,82	12631,21
152,50	-23917,12	-35004,97	11087,85	-17460,25	-30123,34	12663,08
153,00	-23402,26	-34515,30	11113,03	-17012,15	-29704,82	12692,67
153,50	-22817,98	-33956,23	11138,25	-16506,21	-29230,08	12723,87
154,00	-22163,82	-33327,32	11163,49	-15937,12	-28690,04	12752,92
154,50	-21439,32	-32628,09	11188,77	-15309,23	-28092,78	12783,55
155,00	-20644,00	-31858,09	11214,09	-14617,87	-27430,10	12812,23
155,50	-19777,41	-31016,84	11239,43	-13866,74	-26709,23	12842,48
156,00	-18839,08	-30103,89	11264,81	-13051,85	-25922,88	12871,03
156,50	-17828,53	-29118,75	11290,22	-12176,24	-25077,42	12901,18
157,00	-16745,30	-28060,97	11315,67	-11236,55	-24166,47	12929,93
157,50	-15588,90	-26930,05	11341,15	-10235,12	-23195,47	12960,35
158,00	-14358,87	-25725,53	11366,66	-9169,22	-22158,95	12989,73
158,50	-13054,73	-24446,93	11392,20	-8040,46	-21061,37	13020,91
159,00	-11675,98	-23093,77	11417,78	-6846,65	-19898,14	13051,49
159,50	-10222,16	-21665,55	11443,39	-5588,65	-18672,70	13084,05
160,00	-8692,78	-20161,81	11469,03	-4264,75	-17381,26	13116,51
160,50	-7087,34	-18582,05	11494,70	-2875,03	-16026,23	13151,20
161,00	-5405,36	-16925,78	11520,41	-1418,11	-14604,49	13186,38
161,50	-3646,35	-15192,51	11546,16	106,69	-13117,40	13224,09
162,00	-1809,82	-13381,75	11571,93	1700,55	-11562,09	13262,64
162,50	104,74	-11492,99	11597,73	3364,86	-9939,30	13304,17
163,00	2097,82	-9525,75	11623,57	5100,94	-8246,76	13347,70

<b>163,50</b>	4169,92	-7479,52	11649,44	6910,89	-6483,73	13394,62
<b>164,00</b>	6321,54	-5353,80	11675,35	8796,35	-4648,01	13444,36
<b>164,50</b>	8553,19	-3148,09	11701,28	10759,98	-2737,93	13497,91
<b>165,00</b>	10865,38	-861,87	11727,25	12809,42	-751,42	13560,84
<b>165,50</b>	13258,61	1505,35	11753,25	14920,78	1314,00	13606,78
<b>166,00</b>	15725,62	3952,15	11773,47	17113,62	3456,61	13657,01
<b>166,50</b>	18199,33	6452,66	11746,67	19392,54	5679,69	13712,85
<b>166,85</b>	19846,40	8149,66	11696,73	21055,27	7255,36	13799,91
<b>167,21</b>	21338,54	9691,50	11647,04	22541,37	8694,44	13846,92
<b>167,56</b>	22677,64	11080,14	11597,51	23832,02	9983,75	13848,27
<b>167,92</b>	23865,56	12317,38	11548,18	24940,96	11122,28	13818,68
<b>168,27</b>	24904,14	13405,04	11499,10	25853,54	12099,42	13754,11
<b>168,63</b>	25795,20	14345,02	11450,18	26623,33	12938,14	13685,19
<b>169,02</b>	26618,76	15222,99	11395,77	27454,97	13791,69	13663,28
<b>169,42</b>	27262,82	15921,23	11341,58	27996,80	14411,08	13585,72
<b>169,81</b>	27729,87	16442,20	11287,67	28367,25	14863,58	13503,67
<b>170,21</b>	28022,38	16788,38	11234,00	28569,20	15151,79	13417,40
<b>170,60</b>	28142,77	16962,20	11180,57	28590,09	15270,21	13319,89
<b>171,00</b>	28093,48	16966,08	11127,40	28450,41	15231,04	13219,36
<b>171,40</b>	27876,59	16802,42	11074,17	28279,61	15106,94	13172,66
<b>171,79</b>	27494,77	16473,57	11021,20	27953,47	14830,33	13123,14
<b>172,19</b>	26950,37	15981,90	10968,47	27472,67	14402,37	13070,30
<b>172,58</b>	26245,72	15329,74	10915,99	26838,47	13824,65	13013,82
<b>172,98</b>	25383,11	14519,36	10863,76	26052,79	13099,23	12953,56
<b>173,38</b>	24364,83	13553,08	10811,75	25118,12	12228,64	12889,48
<b>173,73</b>	23323,63	12558,19	10765,44	24033,34	11262,71	12770,63
<b>174,08</b>	22161,23	11441,94	10719,30	22952,08	10251,56	12700,52
<b>174,44</b>	20879,21	10205,83	10673,37	21760,14	9132,68	12627,46
<b>174,79</b>	19479,14	8851,50	10627,64	20461,02	7909,08	12551,94
<b>175,15</b>	17962,59	7380,53	10582,06	19069,23	6587,57	12481,66
<b>175,50</b>	16331,11	5794,40	10536,71	17575,97	5165,62	12410,34
<b>176,00</b>	14045,24	3533,08	10512,16	15422,81	3126,67	12296,14
<b>176,50</b>	11832,71	1345,07	10487,64	13406,99	1186,20	12220,79
<b>177,00</b>	9693,05	-770,10	10463,15	11471,35	-676,92	12148,27
<b>177,50</b>	7625,81	-2812,89	10438,70	9597,14	-2460,64	12057,79
<b>178,00</b>	5630,53	-4783,75	10414,28	7826,34	-4176,88	12003,22
<b>178,50</b>	3706,77	-6683,13	10389,90	6125,75	-5825,62	11951,37
<b>179,00</b>	1854,07	-8511,48	10365,55	4493,28	-7408,09	11901,37
<b>179,50</b>	71,98	-10269,26	10341,24	2927,75	-8926,17	11853,91
<b>180,00</b>	-1643,62	-11983,77	10340,15	1427,31	-10379,51	11806,82
<b>180,50</b>	-3268,62	-13518,94	10250,32	-8,74	-11774,15	11765,41
<b>181,00</b>	-4856,82	-15129,03	10272,21	-1381,86	-13102,16	11720,30
<b>181,50</b>	-6390,07	-16684,21	10294,14	-2692,72	-14370,37	11677,65
<b>182,00</b>	-7867,98	-18184,07	10316,09	-3952,36	-15618,45	11666,09
<b>182,50</b>	-9290,16	-19628,21	10338,06	-5106,59	-16646,73	11540,14
<b>183,00</b>	-10656,19	-21016,25	10360,06	-6263,15	-17824,51	11561,36

183,50	-11965,70	-22347,78	10382,08	-7373,28	-18958,16	11584,88
184,00	-13218,27	-23622,39	10404,12	-8435,46	-20043,65	11608,20
184,50	-14413,50	-24839,69	10426,19	-9451,21	-21084,96	11633,75
185,00	-15550,98	-25999,27	10448,29	-10418,23	-22076,98	11658,76
185,50	-16630,31	-27100,72	10470,40	-11338,59	-23024,52	11685,93
186,00	-17651,09	-28143,63	10492,54	-12209,22	-23921,46	11712,24
186,50	-18612,88	-29127,59	10514,71	-13032,79	-24773,43	11740,65
187,00	-19515,30	-30052,20	10536,90	-13805,43	-25573,33	11767,90
187,50	-20357,91	-30917,02	10559,11	-14530,45	-26327,64	11797,19
188,00	-21140,31	-31721,66	10581,35	-15203,26	-27028,31	11825,05
188,50	-21862,07	-32465,68	10603,61	-15827,75	-27682,66	11854,91
189,00	-22522,78	-33148,67	10625,90	-16398,66	-28281,74	11883,08
189,50	-23122,01	-33770,21	10648,20	-16920,49	-28833,70	11913,22
190,00	-23659,33	-34329,87	10670,53	-17387,34	-29328,78	11941,44
190,50	-24134,33	-34827,22	10692,89	-17804,26	-29775,86	11971,60
191,00	-24546,58	-35261,85	10715,27	-18164,83	-30164,47	11999,64
191,50	-24895,64	-35633,31	10737,67	-18474,59	-30504,18	12029,59
192,00	-25181,08	-35941,17	10760,09	-18726,66	-30783,91	12057,25
192,50	-25402,46	-36185,01	10782,55	-18927,00	-31013,80	12086,81
193,00	-25559,37	-36364,38	10805,01	-19068,37	-31182,29	12113,92
193,50	-25651,35	-36478,86	10827,51	-19157,09	-31300,01	12142,91
194,00	-25677,96	-36527,99	10850,03	-19189,11	-31360,63	12171,52
194,50	-25638,76	-36511,33	10872,57	-19160,68	-31358,32	12197,64
195,00	-25533,32	-36428,45	10895,13	-19074,49	-31297,77	12223,28
195,50	-25361,18	-36278,90	10917,72	-18933,61	-31184,29	12250,69
196,00	-25121,89	-36062,23	10940,33	-18730,95	-31006,53	12275,58
196,50	-24815,02	-35777,98	10962,96	-18472,43	-30774,52	12302,08
197,00	-24440,10	-35425,71	10985,62	-18151,51	-30477,66	12326,15
197,50	-23996,67	-35004,97	11008,30	-17773,68	-30125,41	12351,73
198,00	-23484,30	-34515,30	11030,99	-17335,52	-29712,34	12376,82
198,50	-22902,51	-33956,23	11053,72	-16834,58	-29234,50	12399,91
199,00	-22250,85	-33327,32	11076,47	-16272,26	-28694,43	12422,17
199,50	-21528,86	-32628,09	11099,23	-15651,37	-28097,44	12446,07
200,00	-20736,07	-31858,09	11122,02	-14966,83	-27434,77	12467,95
200,50	-19872,01	-31016,84	11144,83	-14222,46	-26713,67	12491,21
201,00	-18936,22	-30103,89	11167,67	-13414,17	-25926,83	12512,66
201,50	-17928,23	-29118,75	11190,52	-12545,12	-25080,64	12535,52
202,00	-16847,56	-28060,97	11213,40	-11611,89	-24168,74	12556,85
202,50	-15693,75	-26930,05	11236,31	-10616,95	-23196,57	12579,63
203,00	-14466,31	-25725,53	11259,22	-9557,50	-22158,71	12601,21
203,50	-13164,76	-24446,93	11282,17	-8435,29	-21059,64	12624,35
204,00	-11788,63	-23093,77	11305,14	-7248,12	-19894,82	12646,69
204,50	-10337,43	-21665,55	11328,12	-5996,99	-18667,74	12670,75
205,00	-8810,68	-20161,81	11351,13	-4680,18	-17374,66	12694,47
205,50	-7207,89	-18582,05	11374,16	-3297,94	-16018,07	12720,13
206,00	-5528,56	-16925,78	11397,22	-1848,92	-14594,92	12746,00

<b>206,50</b>	-3772,22	-15192,51	11420,29	-332,61	-13106,66	12774,05
<b>207,00</b>	-1938,36	-13381,75	11443,38	1252,11	-11550,54	12802,64
<b>207,50</b>	-26,49	-11492,99	11466,50	2906,43	-9927,41	12833,84
<b>208,00</b>	1963,88	-9525,75	11489,64	4631,58	-8235,12	12866,69
<b>208,50</b>	4033,27	-7479,52	11512,79	6429,45	-6473,07	12902,53
<b>209,00</b>	6182,17	-5353,80	11535,97	8301,57	-4639,21	12940,78
<b>209,50</b>	8411,08	-3148,09	11559,17	10265,46	-2736,03	13001,49
<b>210,00</b>	10720,52	-861,87	11582,39	12282,87	-749,57	13032,44
<b>210,50</b>	13110,99	1505,35	11605,64	14377,49	1310,45	13067,04
<b>211,00</b>	15575,31	3952,15	11623,16	16551,95	3446,42	13105,53
<b>211,50</b>	18046,93	6452,66	11594,27	18810,67	5661,49	13149,18
<b>211,85</b>	19692,91	8149,66	11543,25	20459,91	7231,75	13228,16
<b>212,21</b>	21184,00	9691,50	11492,50	21931,58	8664,92	13266,66
<b>212,56</b>	22522,06	11080,14	11441,92	23281,75	9979,26	13302,49
<b>212,92</b>	23708,94	12317,38	11391,56	24431,70	11137,81	13293,89
<b>213,27</b>	24746,49	13405,04	11341,45	25397,30	12142,07	13255,23
<b>213,63</b>	25636,54	14345,02	11291,52	26165,07	12982,35	13182,72
<b>214,02</b>	26458,97	15222,99	11235,98	27001,24	13841,14	13160,10
<b>214,42</b>	27101,93	15921,23	11180,69	27541,00	14461,71	13079,29
<b>214,81</b>	27567,89	16442,20	11125,69	27909,30	14914,91	12994,39
<b>215,21</b>	27859,32	16788,38	11070,94	28109,09	15203,40	12905,69
<b>215,60</b>	27978,65	16962,20	11016,45	28143,95	15330,33	12813,62
<b>216,00</b>	27928,31	16966,08	10962,22	28002,30	15290,68	12711,62
<b>216,40</b>	27719,04	16802,42	10916,62	27858,63	15166,93	12691,70
<b>216,79</b>	27344,77	16473,57	10871,20	27559,32	14890,25	12669,07
<b>217,19</b>	26807,86	15981,90	10825,96	27104,94	14461,73	12643,21
<b>217,58</b>	26110,62	15329,74	10780,89	26496,68	13882,91	12613,78
<b>217,98</b>	25255,36	14519,36	10736,01	25736,36	13155,76	12580,60
<b>218,38</b>	24244,37	13553,08	10691,29	24826,34	12282,76	12543,58
<b>218,73</b>	23209,64	12558,19	10651,44	23758,76	11311,66	12447,10
<b>219,08</b>	22053,64	11441,94	10611,70	22699,02	10297,49	12401,53
<b>219,44</b>	20777,97	10205,83	10572,14	21527,74	9174,85	12352,88
<b>219,79</b>	19384,21	8851,50	10532,71	20248,31	7946,71	12301,60
<b>220,15</b>	17873,91	7380,53	10493,38	18864,33	6616,07	12248,26
<b>220,50</b>	16248,64	5794,40	10454,24	17389,29	5188,68	12200,61
<b>221,00</b>	13971,16	3533,08	10438,07	15259,97	3141,12	12118,84
<b>221,50</b>	11766,98	1345,07	10421,91	13267,30	1191,88	12075,42
<b>222,00</b>	9635,64	-770,10	10405,74	11353,79	-680,25	12034,04
<b>222,50</b>	7576,68	-2812,89	10389,58	9517,51	-2477,27	11994,79
<b>223,00</b>	5589,65	-4783,75	10373,40	7733,53	-4188,69	11922,22
<b>223,50</b>	3674,10	-6683,13	10357,23	6057,04	-5842,27	11899,31
<b>224,00</b>	1829,57	-8511,48	10341,06	4448,37	-7429,18	11877,55
<b>224,50</b>	55,62	-10269,26	10324,88	2906,52	-8951,13	11857,65
<b>225,00</b>	-1651,91	-11983,77	10331,86	1429,85	-10407,64	11837,49
<b>225,50</b>	-3268,09	-13515,90	10247,81	17,80	-11804,69	11822,49
<b>226,00</b>	-4847,90	-15125,64	10277,73	-1330,99	-13134,28	11803,29

226,50	-6372,75	-16680,46	10307,72	-2617,09	-14403,16	11786,06
227,00	-7842,23	-18179,99	10337,76	-3841,14	-15610,08	11768,94
227,50	-9255,95	-19623,81	10367,86	-5017,72	-16802,38	11784,67
228,00	-10613,51	-21011,54	10398,03	-6076,39	-17755,26	11678,87
228,50	-11914,51	-22342,76	10428,25	-7152,62	-18879,66	11727,04
229,00	-13158,55	-23617,09	10458,54	-8180,28	-19955,21	11774,93
229,50	-14345,24	-24834,12	10488,88	-9160,89	-20985,95	11825,06
230,00	-15474,15	-25993,43	10519,29	-10092,19	-21966,82	11874,62
230,50	-16544,88	-27094,64	10549,76	-10976,26	-22902,67	11926,41
231,00	-17557,03	-28137,31	10580,29	-11810,09	-23787,43	11977,34
231,50	-18510,18	-29121,06	10610,88	-12596,35	-24626,83	12030,48
232,00	-19403,92	-30045,45	10641,53	-13331,32	-25413,81	12082,49
232,50	-20237,84	-30910,08	10672,24	-14018,25	-26154,96	12136,72
233,00	-21011,52	-31714,54	10703,02	-14652,73	-26842,28	12189,56
233,50	-21724,54	-32458,39	10733,86	-15238,61	-27483,21	12244,60
234,00	-22376,48	-33141,23	10764,75	-15770,82	-28068,85	12298,03
234,50	-22966,91	-33762,63	10795,72	-16253,80	-28607,46	12353,66
235,00	-23495,43	-34322,16	10826,74	-16681,89	-29089,35	12407,46
235,50	-23961,59	-34819,41	10857,82	-17060,05	-29523,53	12463,47
236,00	-24364,96	-35253,93	10888,97	-17382,11	-29899,57	12517,46
236,50	-24705,14	-35625,31	10920,17	-17653,50	-30227,18	12573,68
237,00	-24981,66	-35933,11	10951,44	-17867,62	-30495,32	12627,70
237,50	-25194,12	-36176,89	10982,77	-18030,30	-30714,26	12683,97
238,00	-25342,05	-36356,22	11014,17	-18134,62	-30872,51	12737,89
238,50	-25425,05	-36470,67	11045,62	-18186,70	-30980,78	12794,08
239,00	-25442,65	-36519,79	11077,14	-18179,43	-31027,25	12847,83
239,50	-25394,42	-36503,14	11108,72	-18119,02	-31022,83	12903,80
240,00	-25279,91	-36420,28	11140,37	-17998,53	-30955,90	12957,37
240,50	-25098,69	-36270,76	11172,07	-17823,94	-30837,02	13013,08
241,00	-24850,29	-36054,13	11203,84	-17588,62	-30655,07	13066,45
241,50	-24534,28	-35769,95	11235,67	-17298,24	-30420,14	13121,91
242,00	-24150,20	-35417,76	11267,56	-16946,60	-30121,72	13175,12
242,50	-23697,59	-34997,12	11299,52	-16538,93	-29769,30	13230,37
243,00	-23176,01	-34507,55	11331,54	-16069,57	-29353,08	13283,51
243,50	-22584,99	-33948,61	11363,62	-15543,22	-28881,90	13338,68
244,00	-21924,07	-33319,84	11395,77	-14954,81	-28346,73	13391,93
244,50	-21192,79	-32620,77	11427,97	-14308,45	-27755,65	13447,20
245,00	-20390,69	-31850,94	11460,25	-13599,69	-27100,47	13500,79
245,50	-19517,30	-31009,88	11492,58	-12832,00	-26388,45	13556,45
246,00	-18572,16	-30097,13	11524,98	-12001,55	-25612,28	13610,73
246,50	-17554,78	-29112,22	11557,44	-11111,15	-24778,32	13667,17
247,00	-16464,71	-28054,67	11589,96	-10157,56	-23880,15	13722,59
247,50	-15301,46	-26924,01	11622,55	-9142,86	-22923,17	13780,31
248,00	-14064,55	-25719,76	11655,20	-8064,40	-21901,85	13837,45
248,50	-12753,53	-24441,44	11687,92	-6923,48	-20820,59	13897,11
249,00	-11367,89	-23088,58	11720,70	-5717,97	-19674,67	13956,71

<b>249,50</b>	-9907,15	-21660,69	11753,54	-4448,37	-18467,46	14019,10
<b>250,00</b>	-8370,84	-20157,29	11786,45	-3112,95	-17194,99	14082,03
<b>250,50</b>	-6758,46	-18577,88	11819,42	-1711,42	-15859,53	14148,10
<b>251,00</b>	-5069,53	-16921,98	11852,45	-242,31	-14457,74	14215,43
<b>251,50</b>	-3303,55	-15189,10	11885,55	1295,47	-12990,60	14286,07
<b>252,00</b>	-1460,03	-13378,74	11918,71	2903,25	-11455,41	14358,66
<b>252,50</b>	461,52	-11490,41	11951,93	4582,92	-9852,43	14435,36
<b>253,00</b>	2461,61	-9523,61	11985,22	6336,06	-8179,06	14515,12
<b>253,50</b>	4540,74	-7477,84	12018,58	8165,25	-6434,26	14599,51
<b>254,00</b>	6699,39	-5352,60	12052,00	10072,48	-4615,45	14687,93
<b>254,50</b>	8938,10	-3147,38	12085,48	12060,90	-2720,59	14781,49
<b>255,00</b>	11257,35	-861,68	12119,03	14133,19	-746,89	14880,08
<b>255,50</b>	13657,65	1505,02	12152,64	16292,87	1308,55	14984,32
<b>256,00</b>	16131,57	3951,27	12180,30	18508,56	3442,50	15066,05
<b>256,50</b>	18610,53	6451,21	12159,32	20827,02	5661,20	15165,81
<b>256,85</b>	20260,21	8147,84	12112,38	22514,53	7233,30	15281,24
<b>257,21</b>	21754,98	9689,33	12065,66	24030,65	8671,99	15358,66
<b>257,56</b>	23096,71	11077,65	12019,06	25425,46	9992,96	15432,50
<b>257,92</b>	24287,25	12314,61	11972,64	26695,22	11193,26	15501,96
<b>258,27</b>	25328,46	13402,03	11926,43	27751,14	12232,46	15518,68
<b>258,63</b>	26222,15	14341,80	11880,35	28613,43	13114,21	15499,22
<b>259,02</b>	27048,65	15219,57	11829,07	29451,63	13970,75	15480,88
<b>259,42</b>	27695,65	15917,66	11777,99	30019,23	14601,94	15417,29
<b>259,81</b>	28165,65	16438,51	11727,13	30411,47	15063,72	15347,75
<b>260,21</b>	28461,09	16784,61	11676,48	30631,04	15358,53	15272,51
<b>260,60</b>	28584,43	16958,40	11626,04	30681,50	15489,40	15192,11
<b>261,00</b>	28538,08	16962,27	11575,80	30567,32	15459,97	15107,35
<b>261,40</b>	28193,55	16798,65	11394,91	30220,01	15330,15	14889,85
<b>261,79</b>	27685,32	16469,87	11215,45	29715,05	15045,18	14669,87
<b>262,19</b>	27015,74	15978,31	11037,43	29053,53	14606,47	14447,06
<b>262,58</b>	26187,12	15326,30	10860,82	28237,22	14015,91	14221,30
<b>262,98</b>	25201,75	14516,10	10685,65	27268,53	13275,85	13992,67
<b>263,38</b>	24061,90	13550,04	10511,86	26150,49	12389,12	13761,37
<b>263,73</b>	22912,94	12555,38	10357,57	24917,78	11414,15	13503,63
<b>264,08</b>	21643,72	11439,37	10204,35	23670,65	10385,25	13285,40
<b>264,44</b>	20255,81	10203,54	10052,27	22313,95	9248,13	13065,82
<b>264,79</b>	18750,80	8849,51	9901,29	20851,55	8006,00	12845,56
<b>265,15</b>	17130,24	7378,87	9751,36	19287,32	6662,02	12625,30
<b>265,50</b>	15395,66	5793,10	9602,56	17625,26	5219,19	12406,07
<b>265,95</b>	13201,78	3755,07	9446,71	15478,62	3356,95	12121,67
<b>266,40</b>	11067,86	1776,43	9291,43	13456,53	1581,76	11874,77
<b>266,85</b>	8993,58	-143,14	9136,72	11505,58	-126,97	11632,55
<b>267,30</b>	6978,60	-2003,98	8982,59	9614,04	-1769,41	11383,46
<b>267,75</b>	5022,58	-3806,43	8829,01	7793,79	-3346,27	11140,06
<b>268,20</b>	3125,20	-5550,81	8676,01	6042,23	-4859,78	10902,01
<b>268,65</b>	1286,11	-7237,45	8523,56	4368,21	-6328,23	10696,44

<b>269,10</b>	-495,00	-8866,68	8371,68	2749,96	-7744,44	10494,40
<b>269,55</b>	-2218,47	-10438,83	8220,36	1185,99	-9109,99	10295,97
<b>270,00</b>	-3892,48	-11978,39	8085,91	-325,21	-10424,80	10099,59
<b>270,45</b>	-6077,33	-14837,90	8760,57	-1779,60	-11657,71	9878,11
<b>270,90</b>	-7826,29	-16456,11	8629,82	-3185,39	-12875,99	9690,60
<b>271,35</b>	-9526,48	-18024,96	8498,48	-4542,96	-14049,27	9506,31
<b>271,80</b>	-11177,58	-19544,14	8366,56	-5853,15	-15177,42	9324,27
<b>272,25</b>	-12779,27	-21013,32	8234,05	-7117,07	-16261,72	9144,65
<b>272,70</b>	-14331,24	-22432,18	8100,95	-8355,00	-17343,14	8988,14
<b>273,15</b>	-15833,15	-23800,41	7967,25	-10681,79	-20557,50	9875,70
<b>273,60</b>	-17284,70	-25117,67	7832,96	-12004,22	-21728,05	9723,83
<b>274,05</b>	-18685,55	-26383,64	7698,08	-13287,48	-22858,64	9571,15
<b>274,50</b>	-20035,39	-27597,99	7562,60	-14533,00	-23951,76	9418,76
<b>274,95</b>	-21333,87	-28760,39	7426,52	-15737,99	-25002,87	9264,88
<b>275,40</b>	-22580,69	-29870,52	7289,84	-16904,65	-26015,65	9111,00
<b>275,85</b>	-23775,50	-30928,05	7152,55	-18029,98	-26985,55	8955,57
<b>276,30</b>	-24917,97	-31932,63	7014,66	-19115,34	-27914,84	8799,50
<b>276,75</b>	-26007,78	-32883,95	6876,16	-20158,79	-28800,82	8642,03
<b>277,20</b>	-27044,59	-33781,65	6737,06	-21160,11	-29643,38	8483,28
<b>277,65</b>	-28028,07	-34625,41	6597,34	-22119,10	-30442,46	8323,36
<b>278,10</b>	-28957,88	-35414,88	6457,00	-23033,33	-31194,86	8161,54
<b>278,55</b>	-29833,68	-36149,74	6316,06	-23905,06	-31903,91	7998,85
<b>279,00</b>	-30655,14	-36829,63	6174,49	-24728,93	-32562,59	7833,67
<b>279,45</b>	-31421,91	-37454,21	6032,31	-25510,08	-33177,94	7667,86
<b>279,90</b>	-32133,64	-38023,15	5889,51	-26241,43	-33740,88	7499,45
<b>280,35</b>	-32790,02	-38536,09	5746,08	-26927,60	-34257,60	7330,00
<b>280,80</b>	-33390,67	-38992,70	5602,03	-27563,69	-34722,01	7158,32
<b>281,25</b>	-33935,27	-39392,61	5457,35	-28151,39	-35136,46	6985,08
<b>281,70</b>	-34423,45	-39735,49	5312,04	-28689,13	-35499,18	6810,04
<b>282,15</b>	-34854,89	-40020,99	5166,10	-29175,18	-35808,18	6632,99
<b>282,60</b>	-35229,21	-40248,74	5019,53	-29611,42	-36065,94	6454,53
<b>283,05</b>	-35546,07	-40418,40	4872,32	-29992,77	-36266,46	6273,69
<b>283,50</b>	-35805,13	-40529,61	4724,48	-30324,40	-36416,16	6091,76
<b>284,00</b>	-35997,40	-40555,85	4558,46	-30598,26	-36483,02	5884,76
<b>284,50</b>	-36110,42	-40506,05	4395,64	-30771,13	-36447,18	5676,05
<b>285,00</b>	-36015,47	-40236,04	4220,57	-30827,13	-36290,13	5463,01
<b>285,50</b>	-35696,66	-39729,44	4032,78	-30772,27	-36019,42	5247,15
<b>286,00</b>	-35268,26	-39114,33	3846,07	-30604,97	-35633,50	5028,53
<b>286,50</b>	-34731,22	-38391,64	3660,42	-30331,77	-35140,25	4808,48
<b>287,00</b>	-34086,50	-37562,34	3475,84	-29946,13	-34532,27	4586,14
<b>287,50</b>	-33335,05	-36627,36	3292,31	-29482,60	-33849,46	4366,85
<b>288,00</b>	-32477,81	-35587,64	3109,83	-28906,27	-33051,60	4145,33
<b>288,50</b>	-31515,72	-34444,12	2928,40	-28049,96	-31948,50	3898,54
<b>289,00</b>	-30449,71	-33197,72	2748,02	-27084,92	-30736,76	3651,84
<b>289,50</b>	-29280,70	-31849,37	2568,67	-26024,95	-29431,99	3407,03
<b>290,00</b>	-28009,62	-30399,97	2390,35	-24868,74	-28032,53	3163,79

<b>290,50</b>	-26637,39	-28850,45	2213,07	-23621,96	-26544,65	2922,69
<b>291,00</b>	-25164,90	-27201,71	2036,81	-22284,32	-24967,84	2683,52
<b>291,50</b>	-23593,08	-25454,65	1861,57	-20860,65	-23307,36	2446,71
<b>292,00</b>	-21922,81	-23610,16	1687,34	-19351,48	-21563,61	2212,13
<b>292,50</b>	-20155,00	-21669,13	1514,13	-17760,72	-19740,78	1980,06
<b>292,85</b>	-18803,23	-20192,24	1389,00	-16607,06	-18424,72	1817,66
<b>293,21</b>	-17409,29	-18674,24	1264,96	-15379,76	-17034,61	1654,85
<b>293,56</b>	-15973,76	-17115,66	1141,90	-14115,56	-15609,08	1493,52
<b>293,92</b>	-14497,26	-15517,13	1019,87	-12814,87	-14148,55	1333,68
<b>294,27</b>	-12980,38	-13879,28	898,90	-11478,41	-12653,78	1175,37
<b>294,63</b>	-11423,71	-12202,61	778,91	-10106,50	-11124,96	1018,46
<b>295,02</b>	-9637,53	-10283,54	646,01	-8582,93	-9431,30	848,37
<b>295,42</b>	-7803,17	-8317,49	514,32	-6948,18	-7623,18	675,00
<b>295,81</b>	-5921,46	-6305,37	383,91	-5272,42	-5776,01	503,59
<b>296,21</b>	-3993,17	-4247,91	254,74	-3555,82	-3889,84	334,03
<b>296,60</b>	-2019,09	-2145,83	126,74	-1798,39	-1964,55	166,16
<b>297,00</b>	0,00	0,00	0,00	0,00	0,00	0,00

## 2. Diagramas de esforço transverso

Posição (x)	V <sub>PP,∞</sub> [kN]	V <sub>PE,∞</sub> [kN]	V <sub>RCP</sub> [kN]	V <sub>SC,máx</sub> [kN]	V <sub>SC,mín</sub> [kN]	V <sub>VDT,máx</sub> [kN]	V <sub>VDT,mín</sub> [kN]
0,000	-2767,531	4000,183	-565,600	255,244	-1529,570	138,668	-277,335
0,396	-2667,518	3882,523	-548,896	255,244	-1507,077	138,668	-277,335
0,792	-2570,203	3764,845	-532,192	255,244	-1484,585	138,668	-277,335
1,188	-2475,584	3647,045	-515,488	255,244	-1441,446	138,668	-277,335
1,583	-2383,662	3529,013	-498,783	255,244	-1419,010	138,668	-277,335
1,979	-2294,437	3410,620	-482,079	255,244	-1396,517	138,668	-277,335
2,375	-2207,909	3291,805	-465,375	255,244	-1353,416	138,668	-277,335
2,729	-2131,438	3168,091	-450,429	255,244	-1333,309	138,668	-277,335
3,083	-2057,031	3062,072	-435,483	255,244	-1292,648	138,668	-277,335
3,438	-1983,827	2955,503	-420,538	255,244	-1272,484	138,668	-277,335
3,792	-1911,827	2848,280	-405,592	255,244	-1252,377	138,668	-277,335
4,146	-1841,029	2740,364	-390,646	271,424	-1220,084	138,668	-277,335
4,500	-1771,435	2631,727	-375,700	271,424	-1191,684	138,668	-277,335
5,000	-1673,536	2469,314	-354,600	271,424	-1163,284	138,668	-277,335
5,500	-1576,134	2314,097	-333,500	291,903	-1114,497	138,668	-277,335
6,000	-1478,733	2156,930	-312,400	291,903	-1086,097	138,668	-277,335
6,500	-1381,331	1998,000	-291,300	312,290	-1037,422	138,668	-277,335
7,000	-1283,930	1837,041	-270,200	312,290	-1009,022	138,668	-277,335
7,500	-1186,528	1674,310	-249,100	332,565	-960,477	138,668	-277,335
8,000	-1089,127	1509,570	-228,000	332,565	-932,077	138,668	-277,335
8,500	-991,725	1343,117	-206,900	352,710	-883,679	138,668	-277,335
9,000	-894,324	1174,754	-185,800	352,710	-855,279	138,668	-277,335
9,500	-796,922	1004,786	-164,700	372,708	-807,048	138,668	-277,335
10,000	-699,521	833,070	-143,600	372,708	-778,648	138,668	-277,335
10,500	-602,119	659,889	-122,500	392,539	-730,603	138,668	-277,335
11,000	-504,718	485,169	-101,400	392,539	-702,203	138,668	-277,335
11,500	-407,316	309,147	-80,300	412,184	-654,361	138,668	-277,335
12,000	-309,915	131,828	-59,200	412,184	-625,961	138,668	-277,335
12,500	-212,513	-46,621	-38,100	431,626	-578,342	138,668	-277,335
13,000	-115,112	-226,100	-17,000	431,626	-549,942	138,668	-277,335
13,500	-17,710	-406,537	4,100	450,845	-502,563	138,668	-277,335
13,950	69,951	-513,725	23,090	450,845	-477,003	138,668	-277,335
14,400	157,613	-620,841	42,080	469,824	-432,723	138,668	-277,335
14,850	245,274	-728,169	61,070	469,824	-407,163	138,668	-277,335
15,300	332,935	-835,796	80,060	438,544	-363,162	138,668	-277,335
15,750	420,597	-943,632	99,050	493,097	-342,155	138,668	-277,335
16,200	508,258	-1051,690	118,040	527,452	-314,363	138,668	-277,335
16,650	595,919	-1159,990	137,030	553,012	-314,363	138,668	-277,335
17,100	683,581	-1268,403	156,020	596,717	-296,533	138,668	-277,335
17,550	771,242	-1377,123	175,010	622,277	-296,533	138,668	-277,335

<b>18,000</b>	858,903	-1485,840	194,000	647,837	-296,533	138,668	-277,335
<b>18,450</b>	946,565	-1594,926	212,990	691,227	-279,036	138,668	-277,335
<b>18,900</b>	1034,226	-1703,982	231,980	716,787	-279,036	138,668	-277,335
<b>19,350</b>	1121,887	-1813,334	250,970	759,844	-261,890	138,668	-277,335
<b>19,800</b>	1209,549	-1922,740	269,960	785,404	-261,890	138,668	-277,335
<b>20,250</b>	1297,210	-2032,348	288,950	828,110	-245,116	138,668	-277,335
<b>20,700</b>	1384,872	-2142,118	307,940	853,670	-245,116	138,668	-277,335
<b>21,150</b>	1472,533	-2252,001	326,930	896,004	-228,730	138,668	-277,335
<b>21,600</b>	1560,194	-2362,174	345,920	921,564	-228,730	138,668	-277,335
<b>22,050</b>	1647,856	-2472,388	364,910	963,510	-212,752	138,668	-277,335
<b>22,500</b>	1735,517	-2583,191	383,900	989,070	-212,752	138,668	-277,335
<b>22,950</b>	1823,178	-2693,715	402,890	1014,630	-212,752	138,668	-277,335
<b>23,400</b>	1910,840	-2804,895	421,880	1056,168	-197,199	138,668	-277,335
<b>23,850</b>	1998,501	-2916,260	440,870	1081,728	-197,199	138,668	-277,335
<b>24,300</b>	2086,162	-3028,121	459,860	1122,841	-182,092	138,668	-277,335
<b>24,750</b>	2173,824	-3140,390	478,850	1148,401	-182,092	138,668	-277,335
<b>25,200</b>	2261,485	-3253,189	497,840	1189,068	-167,447	138,668	-277,335
<b>25,650</b>	2349,146	-3366,647	516,830	1214,628	-167,447	138,668	-277,335
<b>26,100</b>	2436,808	-3480,724	535,820	1254,833	-153,284	138,668	-277,335
<b>26,550</b>	2524,469	-3595,736	554,810	1280,393	-153,284	138,668	-277,335
<b>27,000</b>	2612,130	-3711,522	573,800	1305,953	-153,284	138,668	-277,335
<b>27,450</b>	2699,792	-3828,527	592,790	1345,676	-139,621	138,668	-277,335
<b>27,900</b>	2787,453	-3946,599	611,780	1371,236	-139,621	138,668	-277,335
<b>28,350</b>	2875,114	-4066,108	630,770	1410,460	-126,476	138,668	-277,335
<b>28,800</b>	2962,776	-4187,082	649,760	1436,020	-126,476	138,668	-277,335
<b>29,250</b>	3050,437	-4319,064	668,750	1474,724	-113,869	138,668	-277,335
<b>29,700</b>	3138,099	-4439,333	687,740	1500,284	-113,869	138,668	-277,335
<b>30,150</b>	3225,760	-4561,326	706,730	1538,451	-101,817	138,668	-277,335
<b>30,600</b>	3313,421	-4685,253	725,720	1564,011	-101,817	138,668	-277,335
<b>31,050</b>	3401,083	-4811,443	744,710	1601,623	-90,339	138,668	-277,335
<b>31,500</b>	3488,744	-4925,112	763,700	1627,183	-90,339	138,668	-277,335
<b>31,854</b>	3557,840	-4581,388	778,646	1647,290	-90,339	138,668	-277,335
<b>32,208</b>	3628,637	-4209,918	793,592	1678,875	-79,454	138,668	-277,335
<b>32,563</b>	3700,638	-3840,717	808,537	1699,039	-79,454	138,668	-277,335
<b>32,917</b>	3773,842	-3473,771	823,483	1719,146	-79,454	138,668	-277,335
<b>33,271</b>	3848,249	-3109,121	838,429	1750,139	-69,181	138,668	-277,335
<b>33,625</b>	3923,860	-2746,921	853,375	1770,246	-69,181	138,668	-277,335
<b>34,021</b>	4009,528	-2358,958	870,079	1803,012	-68,295	138,668	-277,335
<b>34,417</b>	4098,753	-1959,164	886,783	1825,505	-68,295	138,668	-277,335
<b>34,813</b>	4190,675	-1563,603	903,487	1847,998	-68,295	138,668	-277,335
<b>35,208</b>	4285,293	-1172,671	920,192	1880,078	-68,295	138,668	-277,335
<b>35,604</b>	4382,609	-786,704	936,896	1896,664	-68,295	138,668	-277,335
<b>36,000</b>	4482,622	-406,047	953,600	1925,064	-68,295	138,668	-277,335
<b>36,396</b>	-4391,076	419,818	-928,944	251,411	-2027,921	52,850	-26,425
<b>36,792</b>	-4293,761	790,829	-912,239	251,411	-2005,429	52,850	-26,425

<b>37,188</b>	-4199,142	1159,007	-895,535	251,411	-1973,836	52,850	-26,425
<b>37,583</b>	-4107,220	1523,988	-878,831	251,411	-1951,400	52,850	-26,425
<b>37,979</b>	-4017,995	1885,460	-862,127	251,411	-1928,908	52,850	-26,425
<b>38,375</b>	-3931,468	2243,064	-845,423	251,411	-1896,698	52,850	-26,425
<b>38,729</b>	-3855,734	2544,505	-830,477	251,411	-1876,591	52,850	-26,425
<b>39,083</b>	-3781,327	2855,585	-815,531	251,411	-1846,180	52,850	-26,425
<b>39,438</b>	-3708,123	3162,893	-800,585	251,411	-1826,016	52,850	-26,425
<b>39,792</b>	-3636,122	3466,297	-785,639	251,411	-1805,909	52,850	-26,425
<b>40,146</b>	-3565,324	3765,820	-770,694	251,411	-1774,940	52,850	-26,425
<b>40,500</b>	-3495,730	4061,580	-755,748	251,411	-1754,833	52,850	-26,425
<b>41,000</b>	-3398,258	3912,199	-734,648	251,411	-1726,433	52,850	-26,425
<b>41,500</b>	-3300,857	3788,596	-713,548	251,411	-1686,643	52,850	-26,425
<b>42,000</b>	-3203,455	3666,498	-692,448	251,411	-1658,243	52,850	-26,425
<b>42,500</b>	-3106,054	3545,882	-671,348	251,411	-1617,955	52,850	-26,425
<b>43,000</b>	-3008,652	3416,281	-650,248	251,411	-1589,555	52,850	-26,425
<b>43,500</b>	-2911,251	3294,492	-629,148	257,764	-1548,798	52,850	-26,425
<b>44,000</b>	-2813,849	3174,036	-608,048	257,764	-1520,398	52,850	-26,425
<b>44,500</b>	-2716,448	3055,048	-586,948	270,121	-1479,202	52,850	-26,425
<b>45,000</b>	-2619,046	2936,909	-565,848	270,121	-1450,802	52,850	-26,425
<b>45,500</b>	-2521,644	2828,339	-544,748	282,917	-1409,197	52,850	-26,425
<b>46,000</b>	-2424,243	2690,374	-523,648	282,917	-1380,797	52,850	-26,425
<b>46,500</b>	-2326,841	2589,561	-502,548	296,122	-1338,811	52,850	-26,425
<b>47,000</b>	-2229,440	2488,441	-481,448	296,122	-1310,411	52,850	-26,425
<b>47,500</b>	-2132,038	2387,384	-460,348	309,708	-1268,075	52,850	-26,425
<b>48,000</b>	-2034,637	2285,888	-439,248	309,708	-1239,675	52,850	-26,425
<b>48,500</b>	-1937,235	2184,355	-418,148	323,644	-1197,019	52,850	-26,425
<b>49,000</b>	-1839,834	2082,274	-397,048	323,644	-1168,619	52,850	-26,425
<b>49,500</b>	-1742,432	1980,065	-375,948	337,900	-1125,671	52,850	-26,425
<b>50,000</b>	-1645,031	1877,221	-354,848	337,900	-1097,271	52,850	-26,425
<b>50,500</b>	-1547,629	1774,166	-333,748	352,448	-1054,063	52,850	-26,425
<b>51,000</b>	-1450,228	1670,411	-312,648	352,448	-1025,663	52,850	-26,425
<b>51,500</b>	-1352,826	1566,373	-291,548	367,256	-982,222	52,850	-26,425
<b>52,000</b>	-1255,425	1461,590	-270,448	367,256	-953,822	52,850	-26,425
<b>52,500</b>	-1158,023	1356,460	-249,348	382,297	-910,180	52,850	-26,425
<b>53,000</b>	-1060,622	1250,560	-228,248	382,297	-881,780	52,850	-26,425
<b>53,500</b>	-963,220	1144,258	-207,148	397,539	-837,965	52,850	-26,425
<b>54,000</b>	-865,819	1037,177	-186,048	397,539	-809,565	52,850	-26,425
<b>54,500</b>	-768,417	929,646	-164,948	412,955	-765,607	52,850	-26,425
<b>55,000</b>	-671,016	821,345	-143,848	412,955	-737,207	52,850	-26,425
<b>55,500</b>	-573,614	712,551	-122,748	428,512	-693,136	52,850	-26,425
<b>56,000</b>	-476,213	603,008	-101,648	428,512	-664,736	52,850	-26,425
<b>56,500</b>	-378,811	492,936	-80,548	444,183	-620,581	52,850	-26,425
<b>57,000</b>	-281,410	382,148	-59,448	444,183	-592,181	52,850	-26,425
<b>57,500</b>	-184,008	270,799	-38,348	459,938	-547,973	52,850	-26,425
<b>58,000</b>	-86,607	158,777	-17,248	459,938	-519,573	52,850	-26,425

<b>58,500</b>	10,795	46,165	3,852	475,746	-475,340	52,850	-26,425
<b>59,000</b>	108,196	-67,068	24,952	497,358	-468,551	52,850	-26,425
<b>59,500</b>	205,598	-180,918	46,052	541,590	-452,724	52,850	-26,425
<b>60,000</b>	302,999	-295,332	67,152	569,990	-452,724	52,850	-26,425
<b>60,500</b>	400,401	-410,385	88,252	614,218	-436,931	52,850	-26,425
<b>61,000</b>	497,802	-525,947	109,352	642,618	-436,931	52,850	-26,425
<b>61,500</b>	595,204	-642,165	130,452	686,810	-421,204	52,850	-26,425
<b>62,000</b>	692,605	-758,838	151,552	715,210	-421,204	52,850	-26,425
<b>62,500</b>	790,007	-876,182	172,652	759,338	-405,570	52,850	-26,425
<b>63,000</b>	887,408	-993,935	193,752	787,738	-405,570	52,850	-26,425
<b>63,500</b>	984,810	-1112,372	214,852	831,771	-390,061	52,850	-26,425
<b>64,000</b>	1082,211	-1231,177	235,952	860,171	-390,061	52,850	-26,425
<b>64,500</b>	1179,613	-1350,684	257,052	904,080	-374,705	52,850	-26,425
<b>65,000</b>	1277,014	-1470,532	278,152	932,480	-374,705	52,850	-26,425
<b>65,500</b>	1374,416	-1591,102	299,252	976,236	-359,532	52,850	-26,425
<b>66,000</b>	1471,817	-1712,003	320,352	1004,636	-359,532	52,850	-26,425
<b>66,500</b>	1569,219	-1833,656	341,452	1048,209	-344,572	52,850	-26,425
<b>67,000</b>	1666,620	-1955,652	362,552	1076,609	-344,572	52,850	-26,425
<b>67,500</b>	1764,022	-2078,443	383,652	1119,969	-329,855	52,850	-26,425
<b>68,000</b>	1861,423	-2201,616	404,752	1148,369	-329,855	52,850	-26,425
<b>68,500</b>	1958,825	-2325,649	425,852	1191,486	-315,409	52,850	-26,425
<b>69,000</b>	2056,226	-2450,137	446,952	1219,886	-315,409	52,850	-26,425
<b>69,500</b>	2153,628	-2575,572	468,052	1262,732	-301,266	52,850	-26,425
<b>70,000</b>	2251,029	-2701,580	489,152	1291,132	-301,266	52,850	-26,425
<b>70,500</b>	2348,431	-2828,656	510,252	1333,675	-287,454	52,850	-26,425
<b>71,000</b>	2445,832	-2956,470	531,352	1362,075	-287,454	52,850	-26,425
<b>71,500</b>	2543,234	-3085,509	552,452	1404,287	-274,003	52,850	-26,425
<b>72,000</b>	2640,635	-3215,465	573,552	1432,687	-274,003	52,850	-26,425
<b>72,500</b>	2738,037	-3346,855	594,652	1474,539	-260,942	52,850	-26,425
<b>73,000</b>	2835,438	-3479,503	615,752	1502,939	-260,942	52,850	-26,425
<b>73,500</b>	2932,840	-3613,831	636,852	1544,399	-248,302	52,850	-26,425
<b>74,000</b>	3030,241	-3749,773	657,952	1572,799	-248,302	52,850	-26,425
<b>74,500</b>	3127,643	-3893,593	679,052	1613,839	-236,112	52,850	-26,425
<b>75,000</b>	3225,044	-4029,269	700,152	1642,239	-236,112	52,850	-26,425
<b>75,500</b>	3322,446	-4166,942	721,252	1682,830	-230,294	52,850	-26,425
<b>76,000</b>	3419,847	-4306,812	742,352	1711,230	-230,294	52,850	-26,425
<b>76,500</b>	3517,249	-4449,413	763,452	1751,340	-230,294	52,850	-26,425
<b>76,854</b>	3586,771	-4111,619	778,398	1771,448	-230,294	52,850	-26,425
<b>77,208</b>	3657,569	-3749,651	793,344	1802,756	-230,294	52,850	-26,425
<b>77,563</b>	3729,570	-3380,590	808,290	1822,920	-230,294	52,850	-26,425
<b>77,917</b>	3802,774	-3013,679	823,236	1843,027	-230,294	52,850	-26,425
<b>78,271</b>	3877,181	-2649,106	838,181	1873,797	-230,294	52,850	-26,425
<b>78,625</b>	3952,792	-2287,085	853,127	1893,905	-230,294	52,850	-26,425
<b>79,021</b>	4039,197	-1897,133	869,831	1926,492	-230,294	52,850	-26,425
<b>79,417</b>	4128,422	-1498,840	886,536	1948,984	-230,294	52,850	-26,425

<b>79,813</b>	4220,344	-1103,984	903,240	1971,477	-230,294	52,850	-26,425
<b>80,208</b>	4314,962	-713,986	919,944	2003,409	-230,294	52,850	-26,425
<b>80,604</b>	4412,278	-329,247	936,648	2025,902	-230,294	52,850	-26,425
<b>81,000</b>	4512,290	49,947	953,352	2048,395	-230,294	52,850	-26,425
<b>81,396</b>	-4404,685	362,441	-933,759	281,518	-2064,850	6,461	-12,922
<b>81,792</b>	-4307,369	735,424	-917,054	281,518	-2042,357	6,461	-12,922
<b>82,188</b>	-4212,750	1105,578	-900,350	281,518	-2010,489	6,461	-12,922
<b>82,583</b>	-4120,829	1472,555	-883,646	281,518	-1988,053	6,461	-12,922
<b>82,979</b>	-4031,604	1836,010	-866,942	281,518	-1965,560	6,461	-12,922
<b>83,375</b>	-3945,076	2195,630	-850,238	281,518	-1933,098	6,461	-12,922
<b>83,729</b>	-3869,489	2498,903	-835,292	281,518	-1912,990	6,461	-12,922
<b>84,083</b>	-3795,082	2810,202	-820,346	281,518	-1882,348	6,461	-12,922
<b>84,438</b>	-3721,878	3119,124	-805,400	281,518	-1862,184	6,461	-12,922
<b>84,792</b>	-3649,877	3424,162	-790,454	281,518	-1842,077	6,461	-12,922
<b>85,146</b>	-3579,079	3725,335	-775,509	281,518	-1810,898	6,461	-12,922
<b>85,500</b>	-3509,485	4022,715	-760,563	281,518	-1790,791	6,461	-12,922
<b>86,000</b>	-3412,098	3873,206	-739,463	281,518	-1762,391	6,461	-12,922
<b>86,500</b>	-3314,696	3740,736	-718,363	281,518	-1722,411	6,461	-12,922
<b>87,000</b>	-3217,295	3618,625	-697,263	281,518	-1694,011	6,461	-12,922
<b>87,500</b>	-3119,893	3497,986	-676,163	281,518	-1653,553	6,461	-12,922
<b>88,000</b>	-3022,492	3369,074	-655,063	281,518	-1625,153	6,461	-12,922
<b>88,500</b>	-2925,090	3247,479	-633,963	290,141	-1584,246	6,461	-12,922
<b>89,000</b>	-2827,689	3127,176	-612,863	290,141	-1555,846	6,461	-12,922
<b>89,500</b>	-2730,287	3008,295	-591,763	302,648	-1514,518	6,461	-12,922
<b>90,000</b>	-2632,886	2890,237	-570,663	302,648	-1486,118	6,461	-12,922
<b>90,500</b>	-2535,484	2774,257	-549,563	315,576	-1444,398	6,461	-12,922
<b>91,000</b>	-2438,083	2665,019	-528,463	315,576	-1415,998	6,461	-12,922
<b>91,500</b>	-2340,681	2530,882	-507,363	328,896	-1373,916	6,461	-12,922
<b>92,000</b>	-2243,280	2429,952	-486,263	328,896	-1345,516	6,461	-12,922
<b>92,500</b>	-2145,878	2329,054	-465,163	342,579	-1303,100	6,461	-12,922
<b>93,000</b>	-2048,477	2227,704	-444,063	342,579	-1274,700	6,461	-12,922
<b>93,500</b>	-1951,075	2126,291	-422,963	356,595	-1231,979	6,461	-12,922
<b>94,000</b>	-1853,674	2024,320	-401,863	356,595	-1203,579	6,461	-12,922
<b>94,500</b>	-1756,272	1922,199	-380,763	370,916	-1160,582	6,461	-12,922
<b>95,000</b>	-1658,871	1819,437	-359,663	370,916	-1132,182	6,461	-12,922
<b>95,500</b>	-1561,469	1716,446	-338,563	385,512	-1088,938	6,461	-12,922
<b>96,000</b>	-1464,068	1612,752	-317,463	385,512	-1060,538	6,461	-12,922
<b>96,500</b>	-1366,666	1508,760	-296,363	400,356	-1017,077	6,461	-12,922
<b>97,000</b>	-1269,265	1404,024	-275,263	400,356	-988,677	6,461	-12,922
<b>97,500</b>	-1171,863	1298,928	-254,163	415,418	-945,026	6,461	-12,922
<b>98,000</b>	-1074,462	1193,066	-233,063	415,418	-916,626	6,461	-12,922
<b>98,500</b>	-977,060	1086,791	-211,963	430,668	-872,816	6,461	-12,922
<b>99,000</b>	-879,659	979,745	-190,863	430,668	-844,416	6,461	-12,922
<b>99,500</b>	-782,257	872,240	-169,763	446,079	-800,474	6,461	-12,922
<b>100,000</b>	-684,856	763,973	-148,663	446,079	-772,074	6,461	-12,922

<b>100,500</b>	-587,454	655,207	-127,563	461,620	-728,031	6,461	-12,922
<b>101,000</b>	-490,053	545,702	-106,463	461,620	-699,631	6,461	-12,922
<b>101,500</b>	-392,651	435,663	-85,363	477,264	-655,514	6,461	-12,922
<b>102,000</b>	-295,250	324,921	-64,263	477,264	-627,114	6,461	-12,922
<b>102,500</b>	-197,848	213,612	-43,163	492,980	-582,953	6,461	-12,922
<b>103,000</b>	-100,447	101,646	-22,063	492,980	-554,553	6,461	-12,922
<b>103,500</b>	-3,045	-10,915	-0,963	508,741	-510,378	6,461	-12,922
<b>104,000</b>	94,356	-124,081	20,137	536,656	-509,893	6,461	-12,922
<b>104,500</b>	191,758	-237,867	41,237	580,832	-494,131	6,461	-12,922
<b>105,000</b>	289,159	-352,201	62,337	609,232	-494,131	6,461	-12,922
<b>105,500</b>	386,561	-467,175	83,437	653,394	-478,412	6,461	-12,922
<b>106,000</b>	483,962	-582,641	104,537	681,794	-478,412	6,461	-12,922
<b>106,500</b>	581,364	-698,765	125,637	725,913	-462,764	6,461	-12,922
<b>107,000</b>	678,765	-815,327	146,737	754,313	-462,764	6,461	-12,922
<b>107,500</b>	776,167	-932,561	167,837	798,361	-447,217	6,461	-12,922
<b>108,000</b>	873,568	-1050,185	188,937	826,761	-447,217	6,461	-12,922
<b>108,500</b>	970,970	-1168,494	210,037	870,708	-431,800	6,461	-12,922
<b>109,000</b>	1068,371	-1287,156	231,137	899,108	-431,800	6,461	-12,922
<b>109,500</b>	1165,773	-1406,517	252,237	942,925	-416,542	6,461	-12,922
<b>110,000</b>	1263,174	-1526,205	273,337	971,325	-416,542	6,461	-12,922
<b>110,500</b>	1360,576	-1646,613	294,437	1014,984	-401,471	6,461	-12,922
<b>111,000</b>	1457,977	-1767,338	315,537	1043,384	-401,471	6,461	-12,922
<b>111,500</b>	1555,379	-1888,814	336,637	1086,855	-386,616	6,461	-12,922
<b>112,000</b>	1652,780	-2010,620	357,737	1115,255	-386,616	6,461	-12,922
<b>112,500</b>	1750,182	-2133,222	378,837	1158,509	-372,007	6,461	-12,922
<b>113,000</b>	1847,583	-2256,194	399,937	1186,909	-372,007	6,461	-12,922
<b>113,500</b>	1944,985	-2380,026	421,037	1229,918	-357,673	6,461	-12,922
<b>114,000</b>	2042,386	-2504,305	442,137	1258,318	-357,673	6,461	-12,922
<b>114,500</b>	2139,788	-2629,534	463,237	1301,052	-343,642	6,461	-12,922
<b>115,000</b>	2237,189	-2755,329	484,337	1329,452	-343,642	6,461	-12,922
<b>115,500</b>	2334,591	-2882,198	505,437	1371,883	-329,943	6,461	-12,922
<b>116,000</b>	2431,992	-3009,801	526,537	1400,283	-329,943	6,461	-12,922
<b>116,500</b>	2529,394	-3138,637	547,637	1442,382	-316,606	6,461	-12,922
<b>117,000</b>	2626,795	-3268,364	568,737	1470,782	-316,606	6,461	-12,922
<b>117,500</b>	2724,197	-3399,542	589,837	1512,519	-303,659	6,461	-12,922
<b>118,000</b>	2821,598	-3531,993	610,937	1540,919	-303,659	6,461	-12,922
<b>118,500</b>	2919,000	-3666,148	632,037	1582,266	-291,131	6,461	-12,922
<b>119,000</b>	3016,401	-3801,941	653,137	1610,666	-291,131	6,461	-12,922
<b>119,500</b>	3113,803	-3945,830	674,237	1651,594	-281,765	6,461	-12,922
<b>120,000</b>	3211,204	-4081,293	695,337	1679,994	-281,765	6,461	-12,922
<b>120,500</b>	3308,606	-4218,752	716,437	1720,473	-281,765	6,461	-12,922
<b>121,000</b>	3406,007	-4358,397	737,537	1748,873	-281,765	6,461	-12,922
<b>121,500</b>	3503,409	-4500,779	758,637	1788,876	-281,765	6,461	-12,922
<b>121,854</b>	3573,016	-4176,820	773,583	1808,983	-281,765	6,461	-12,922
<b>122,208</b>	3643,814	-3822,052	788,529	1840,186	-281,765	6,461	-12,922

<b>122,563</b>	3715,815	-3459,502	803,475	1860,350	-281,765	6,461	-12,922
<b>122,917</b>	3789,019	-3090,564	818,421	1880,457	-281,765	6,461	-12,922
<b>123,271</b>	3863,426	-2723,961	833,366	1911,125	-281,765	6,461	-12,922
<b>123,625</b>	3939,037	-2359,902	848,312	1931,232	-281,765	6,461	-12,922
<b>124,021</b>	4025,589	-1967,871	865,016	1963,722	-281,765	6,461	-12,922
<b>124,417</b>	4114,813	-1567,377	881,721	1986,215	-281,765	6,461	-12,922
<b>124,813</b>	4206,735	-1170,932	898,425	2008,708	-281,765	6,461	-12,922
<b>125,208</b>	4301,354	-778,508	915,129	2040,547	-281,765	6,461	-12,922
<b>125,604</b>	4398,669	-391,328	931,833	2063,040	-281,765	6,461	-12,922
<b>126,000</b>	4498,682	-9,729	948,537	2085,533	-281,765	6,461	-12,922
<b>126,396</b>	-4403,451	375,564	-932,796	289,996	-2072,091	0,000	0,000
<b>126,792</b>	-4306,135	750,439	-916,092	289,996	-2049,598	0,000	0,000
<b>127,188</b>	-4211,517	1122,472	-899,388	289,996	-2017,710	0,000	0,000
<b>127,583</b>	-4119,595	1491,302	-882,683	289,996	-1995,274	0,000	0,000
<b>127,979</b>	-4030,370	1856,628	-865,979	289,996	-1972,781	0,000	0,000
<b>128,375</b>	-3943,842	2218,097	-849,275	289,996	-1940,299	0,000	0,000
<b>128,729</b>	-3868,231	2522,925	-834,329	289,996	-1920,192	0,000	0,000
<b>129,083</b>	-3793,824	2835,837	-819,383	289,996	-1889,533	0,000	0,000
<b>129,438</b>	-3720,620	3144,629	-804,438	289,996	-1869,369	0,000	0,000
<b>129,792</b>	-3648,620	3451,128	-789,492	289,996	-1849,261	0,000	0,000
<b>130,146</b>	-3577,822	3753,765	-774,546	289,996	-1818,067	0,000	0,000
<b>130,500</b>	-3508,228	4052,611	-759,600	289,996	-1797,960	0,000	0,000
<b>131,000</b>	-3410,806	3902,514	-738,500	289,996	-1769,560	0,000	0,000
<b>131,500</b>	-3313,404	3769,490	-717,400	289,996	-1729,566	0,000	0,000
<b>132,000</b>	-3216,003	3638,531	-696,300	289,996	-1701,166	0,000	0,000
<b>132,500</b>	-3118,601	3517,643	-675,200	289,996	-1660,696	0,000	0,000
<b>133,000</b>	-3021,200	3387,854	-654,100	289,996	-1632,296	0,000	0,000
<b>133,500</b>	-2923,798	3265,773	-633,000	298,820	-1591,377	0,000	0,000
<b>134,000</b>	-2826,397	3145,001	-611,900	298,820	-1562,977	0,000	0,000
<b>134,500</b>	-2728,995	3025,667	-590,800	311,339	-1521,639	0,000	0,000
<b>135,000</b>	-2631,594	2907,171	-569,700	311,339	-1493,239	0,000	0,000
<b>135,500</b>	-2534,192	2790,772	-548,600	324,277	-1451,510	0,000	0,000
<b>136,000</b>	-2436,791	2674,167	-527,500	324,277	-1423,110	0,000	0,000
<b>136,500</b>	-2339,389	2565,527	-506,400	337,605	-1381,020	0,000	0,000
<b>137,000</b>	-2241,988	2432,516	-485,300	337,605	-1352,620	0,000	0,000
<b>137,500</b>	-2144,586	2331,869	-464,200	351,295	-1310,198	0,000	0,000
<b>138,000</b>	-2047,185	2230,781	-443,100	351,295	-1281,798	0,000	0,000
<b>138,500</b>	-1949,783	2129,645	-422,000	365,318	-1239,071	0,000	0,000
<b>139,000</b>	-1852,382	2027,963	-400,900	365,318	-1210,671	0,000	0,000
<b>139,500</b>	-1754,980	1926,143	-379,800	379,644	-1167,671	0,000	0,000
<b>140,000</b>	-1657,578	1823,692	-358,700	379,644	-1139,271	0,000	0,000
<b>140,500</b>	-1560,177	1721,024	-337,600	394,245	-1096,024	0,000	0,000
<b>141,000</b>	-1462,775	1617,663	-316,500	394,245	-1067,624	0,000	0,000
<b>141,500</b>	-1365,374	1514,014	-295,400	409,092	-1024,160	0,000	0,000
<b>142,000</b>	-1267,972	1409,629	-274,300	409,092	-995,760	0,000	0,000

<b>142,500</b>	-1170,571	1304,893	-253,200	424,155	-952,109	0,000	0,000
<b>143,000</b>	-1073,169	1199,398	-232,100	424,155	-923,709	0,000	0,000
<b>143,500</b>	-975,768	1093,499	-211,000	439,407	-879,898	0,000	0,000
<b>144,000</b>	-878,366	986,834	-189,900	439,407	-851,498	0,000	0,000
<b>144,500</b>	-780,965	879,717	-168,800	454,817	-807,557	0,000	0,000
<b>145,000</b>	-683,564	771,844	-147,700	454,817	-779,157	0,000	0,000
<b>145,500</b>	-586,162	663,477	-126,600	470,358	-735,116	0,000	0,000
<b>146,000</b>	-488,761	554,376	-105,500	470,358	-706,716	0,000	0,000
<b>146,500</b>	-391,359	444,746	-84,400	486,000	-662,601	0,000	0,000
<b>147,000</b>	-293,958	334,416	-63,300	486,000	-634,201	0,000	0,000
<b>147,500</b>	-196,556	223,525	-42,200	501,714	-590,044	0,000	0,000
<b>148,000</b>	-99,155	111,978	-21,100	501,714	-561,644	0,000	0,000
<b>148,500</b>	-1,753	-0,160	0,000	517,472	-517,472	0,000	0,000
<b>149,000</b>	95,649	-112,902	21,100	545,872	-517,472	0,000	0,000
<b>149,500</b>	193,050	-226,260	42,200	590,044	-501,714	0,000	0,000
<b>150,000</b>	290,452	-340,166	63,300	618,444	-501,714	0,000	0,000
<b>150,500</b>	387,853	-454,711	84,400	662,601	-486,000	0,000	0,000
<b>151,000</b>	485,255	-569,748	105,500	691,001	-486,000	0,000	0,000
<b>151,500</b>	582,656	-685,441	126,600	735,116	-470,358	0,000	0,000
<b>152,000</b>	680,058	-801,575	147,700	763,516	-470,358	0,000	0,000
<b>152,500</b>	777,459	-918,380	168,800	807,557	-454,817	0,000	0,000
<b>153,000</b>	874,861	-1035,578	189,900	835,957	-454,817	0,000	0,000
<b>153,500</b>	972,262	-1153,462	211,000	879,898	-439,407	0,000	0,000
<b>154,000</b>	1069,664	-1271,703	232,100	908,298	-439,407	0,000	0,000
<b>154,500</b>	1167,065	-1390,646	253,200	952,109	-424,155	0,000	0,000
<b>155,000</b>	1264,467	-1509,920	274,300	980,509	-424,155	0,000	0,000
<b>155,500</b>	1361,868	-1629,919	295,400	1024,160	-409,092	0,000	0,000
<b>156,000</b>	1459,270	-1750,242	316,500	1052,560	-409,092	0,000	0,000
<b>156,500</b>	1556,671	-1871,321	337,600	1096,024	-394,245	0,000	0,000
<b>157,000</b>	1654,073	-1992,739	358,700	1124,424	-394,245	0,000	0,000
<b>157,500</b>	1751,474	-2114,959	379,800	1167,671	-379,644	0,000	0,000
<b>158,000</b>	1848,876	-2237,561	400,900	1196,071	-379,644	0,000	0,000
<b>158,500</b>	1946,277	-2361,032	422,000	1239,071	-365,318	0,000	0,000
<b>159,000</b>	2043,679	-2484,962	443,100	1267,471	-365,318	0,000	0,000
<b>159,500</b>	2141,080	-2609,855	464,200	1310,198	-351,295	0,000	0,000
<b>160,000</b>	2238,482	-2735,328	485,300	1338,598	-351,295	0,000	0,000
<b>160,500</b>	2335,883	-2861,888	506,400	1381,020	-337,605	0,000	0,000
<b>161,000</b>	2433,285	-2989,200	527,500	1409,420	-337,605	0,000	0,000
<b>161,500</b>	2530,686	-3117,760	548,600	1451,510	-324,277	0,000	0,000
<b>162,000</b>	2628,088	-3247,222	569,700	1479,910	-324,277	0,000	0,000
<b>162,500</b>	2725,489	-3378,156	590,800	1521,639	-311,339	0,000	0,000
<b>163,000</b>	2822,891	-3510,386	611,900	1550,039	-311,339	0,000	0,000
<b>163,500</b>	2920,292	-3644,343	633,000	1591,377	-298,820	0,000	0,000
<b>164,000</b>	3017,694	-3779,962	654,100	1619,777	-298,820	0,000	0,000
<b>164,500</b>	3115,095	-3917,606	675,200	1660,696	-289,996	0,000	0,000

<b>165,000</b>	3212,497	-4059,049	696,300	1689,096	-289,996	0,000	0,000
<b>165,500</b>	3309,898	-4196,413	717,400	1729,566	-289,996	0,000	0,000
<b>166,000</b>	3407,300	-4335,991	738,500	1757,966	-289,996	0,000	0,000
<b>166,500</b>	3504,701	-4478,335	759,600	1797,960	-289,996	0,000	0,000
<b>166,854</b>	3574,274	-4155,251	774,546	1818,067	-289,996	0,000	0,000
<b>167,208</b>	3645,072	-3813,215	789,492	1849,261	-289,996	0,000	0,000
<b>167,563</b>	3717,072	-3457,356	804,438	1869,425	-289,996	0,000	0,000
<b>167,917</b>	3790,276	-3094,463	819,383	1889,533	-289,996	0,000	0,000
<b>168,271</b>	3864,683	-2726,141	834,329	1920,192	-289,996	0,000	0,000
<b>168,625</b>	3940,294	-2360,366	849,275	1940,299	-289,996	0,000	0,000
<b>169,021</b>	4026,786	-1966,211	865,979	1972,781	-289,996	0,000	0,000
<b>169,417</b>	4116,011	-1563,781	882,683	1995,274	-289,996	0,000	0,000
<b>169,813</b>	4207,933	-1165,411	899,388	2017,766	-289,996	0,000	0,000
<b>170,208</b>	4302,551	-771,480	916,092	2049,598	-289,996	0,000	0,000
<b>170,604</b>	4399,867	-382,172	932,796	2072,091	-289,996	0,000	0,000
<b>171,000</b>	4499,880	1,563	949,500	2094,584	-289,996	0,000	0,000
<b>171,396</b>	-4391,669	390,247	-931,833	281,765	-2063,040	12,922	-6,461
<b>171,792</b>	-4294,353	767,242	-915,129	281,765	-2040,547	12,922	-6,461
<b>172,188</b>	-4199,734	1141,322	-898,425	281,765	-2008,651	12,922	-6,461
<b>172,583</b>	-4107,813	1512,182	-881,721	281,765	-1986,215	12,922	-6,461
<b>172,979</b>	-4018,588	1879,475	-865,016	281,765	-1963,722	12,922	-6,461
<b>173,375</b>	-3932,060	2242,846	-848,312	281,765	-1931,232	12,922	-6,461
<b>173,729</b>	-3856,564	2549,478	-833,366	281,765	-1911,125	12,922	-6,461
<b>174,083</b>	-3782,157	2864,006	-818,421	281,765	-1880,457	12,922	-6,461
<b>174,438</b>	-3708,953	3174,353	-803,475	281,765	-1860,293	12,922	-6,461
<b>174,792</b>	-3636,952	3480,436	-788,529	281,765	-1840,186	12,922	-6,461
<b>175,146</b>	-3566,154	3784,388	-773,583	281,765	-1808,983	12,922	-6,461
<b>175,500</b>	-3496,561	4084,543	-758,637	281,765	-1788,876	12,922	-6,461
<b>176,000</b>	-3399,226	3933,567	-737,537	281,765	-1760,476	12,922	-6,461
<b>176,500</b>	-3301,825	3799,673	-716,437	281,765	-1720,473	12,922	-6,461
<b>177,000</b>	-3204,423	3667,904	-695,337	281,765	-1692,073	12,922	-6,461
<b>177,500</b>	-3107,022	3532,092	-674,237	281,765	-1651,594	12,922	-6,461
<b>178,000</b>	-3009,620	3408,021	-653,137	281,765	-1623,194	12,922	-6,461
<b>178,500</b>	-2912,219	3285,594	-632,037	291,131	-1582,266	12,922	-6,461
<b>179,000</b>	-2814,817	3164,509	-610,937	291,131	-1553,866	12,922	-6,461
<b>179,500</b>	-2717,416	3044,891	-589,837	303,659	-1512,519	12,922	-6,461
<b>180,000</b>	-2620,014	2926,136	-568,737	303,659	-1484,119	12,922	-6,461
<b>180,500</b>	-2522,613	2809,499	-547,637	316,606	-1442,382	12,922	-6,461
<b>181,000</b>	-2425,211	2692,676	-526,537	316,606	-1413,982	12,922	-6,461
<b>181,500</b>	-2327,810	2577,125	-505,437	329,943	-1371,883	12,922	-6,461
<b>182,000</b>	-2230,408	2468,837	-484,337	329,943	-1343,483	12,922	-6,461
<b>182,500</b>	-2133,007	2337,502	-463,237	343,642	-1301,052	12,922	-6,461
<b>183,000</b>	-2035,605	2236,837	-442,137	343,642	-1272,652	12,922	-6,461
<b>183,500</b>	-1938,204	2136,122	-421,037	357,673	-1229,918	12,922	-6,461
<b>184,000</b>	-1840,802	2034,855	-399,937	357,673	-1201,518	12,922	-6,461

<b>184,500</b>	-1743,401	1933,444	-378,837	372,007	-1158,509	12,922	-6,461
<b>185,000</b>	-1645,999	1831,391	-357,737	372,007	-1130,109	12,922	-6,461
<b>185,500</b>	-1548,598	1729,110	-336,637	386,616	-1086,855	12,922	-6,461
<b>186,000</b>	-1451,196	1626,121	-315,537	386,616	-1058,455	12,922	-6,461
<b>186,500</b>	-1353,795	1522,829	-294,437	401,471	-1014,984	12,922	-6,461
<b>187,000</b>	-1256,393	1418,784	-273,337	401,471	-986,584	12,922	-6,461
<b>187,500</b>	-1158,992	1314,372	-252,237	416,542	-942,925	12,922	-6,461
<b>188,000</b>	-1061,590	1209,181	-231,137	416,542	-914,525	12,922	-6,461
<b>188,500</b>	-964,189	1103,568	-210,037	431,800	-870,708	12,922	-6,461
<b>189,000</b>	-866,787	997,167	-188,937	431,800	-842,308	12,922	-6,461
<b>189,500</b>	-769,386	890,296	-167,837	447,217	-798,361	12,922	-6,461
<b>190,000</b>	-671,984	782,647	-146,737	447,217	-769,961	12,922	-6,461
<b>190,500</b>	-574,583	674,485	-125,637	462,764	-725,913	12,922	-6,461
<b>191,000</b>	-477,181	565,567	-104,537	462,764	-697,513	12,922	-6,461
<b>191,500</b>	-379,780	456,101	-83,437	478,412	-653,394	12,922	-6,461
<b>192,000</b>	-282,378	345,914	-62,337	478,412	-624,994	12,922	-6,461
<b>192,500</b>	-184,977	235,147	-41,237	494,131	-580,832	12,922	-6,461
<b>193,000</b>	-87,575	123,704	-20,137	494,131	-552,432	12,922	-6,461
<b>193,500</b>	9,826	11,654	0,963	510,378	-492,980	12,922	-6,461
<b>194,000</b>	107,228	-101,037	22,063	538,778	-492,980	12,922	-6,461
<b>194,500</b>	204,629	-214,324	43,163	567,178	-492,980	12,922	-6,461
<b>195,000</b>	302,031	-328,192	64,263	595,578	-492,980	12,922	-6,461
<b>195,500</b>	399,432	-442,710	85,363	655,514	-477,264	12,922	-6,461
<b>196,000</b>	496,834	-557,735	106,463	683,914	-477,264	12,922	-6,461
<b>196,500</b>	594,235	-673,424	127,563	728,031	-461,620	12,922	-6,461
<b>197,000</b>	691,637	-789,564	148,663	756,431	-461,620	12,922	-6,461
<b>197,500</b>	789,038	-906,379	169,763	800,474	-430,668	12,922	-6,461
<b>198,000</b>	886,440	-1023,746	190,863	828,874	-430,668	12,922	-6,461
<b>198,500</b>	983,841	-1141,514	211,963	857,274	-430,668	12,922	-6,461
<b>199,000</b>	1081,243	-1259,746	233,063	885,674	-430,668	12,922	-6,461
<b>199,500</b>	1178,644	-1378,696	254,163	945,026	-415,418	12,922	-6,461
<b>200,000</b>	1276,046	-1497,969	275,263	973,426	-415,418	12,922	-6,461
<b>200,500</b>	1373,447	-1617,953	296,363	1017,077	-400,356	12,922	-6,461
<b>201,000</b>	1470,849	-1738,244	317,463	1045,477	-400,356	12,922	-6,461
<b>201,500</b>	1568,250	-1859,269	338,563	1088,938	-385,512	12,922	-6,461
<b>202,000</b>	1665,652	-1980,605	359,663	1117,338	-385,512	12,922	-6,461
<b>202,500</b>	1763,053	-2102,711	380,763	1160,582	-370,916	12,922	-6,461
<b>203,000</b>	1860,455	-2225,160	401,863	1188,982	-370,916	12,922	-6,461
<b>203,500</b>	1957,856	-2348,433	422,963	1231,979	-356,595	12,922	-6,461
<b>204,000</b>	2055,258	-2472,114	444,063	1260,379	-356,595	12,922	-6,461
<b>204,500</b>	2152,659	-2596,697	465,163	1303,100	-342,579	12,922	-6,461
<b>205,000</b>	2250,061	-2721,795	486,263	1331,500	-342,579	12,922	-6,461
<b>205,500</b>	2347,462	-2847,904	507,363	1373,916	-328,896	12,922	-6,461
<b>206,000</b>	2444,864	-2974,683	528,463	1402,316	-328,896	12,922	-6,461
<b>206,500</b>	2542,265	-3102,615	549,563	1444,398	-315,576	12,922	-6,461

<b>207,000</b>	2639,667	-3231,351	570,663	1472,798	-315,576	12,922	-6,461
<b>207,500</b>	2737,068	-3361,450	591,763	1514,518	-302,648	12,922	-6,461
<b>208,000</b>	2834,470	-3492,727	612,863	1542,918	-302,648	12,922	-6,461
<b>208,500</b>	2931,871	-3625,606	633,963	1584,246	-290,141	12,922	-6,461
<b>209,000</b>	3029,273	-3760,013	655,063	1612,646	-290,141	12,922	-6,461
<b>209,500</b>	3126,674	-3902,029	676,163	1653,553	-281,518	12,922	-6,461
<b>210,000</b>	3224,076	-4036,133	697,263	1681,953	-281,518	12,922	-6,461
<b>210,500</b>	3321,477	-4172,138	718,363	1722,411	-281,518	12,922	-6,461
<b>211,000</b>	3418,879	-4310,226	739,463	1750,811	-281,518	12,922	-6,461
<b>211,500</b>	3516,280	-4450,950	760,563	1790,791	-281,518	12,922	-6,461
<b>211,854</b>	3585,941	-4128,638	775,509	1810,898	-281,518	12,922	-6,461
<b>212,208</b>	3656,739	-3787,125	790,454	1842,077	-281,518	12,922	-6,461
<b>212,563</b>	3728,740	-3442,626	805,400	1862,241	-281,518	12,922	-6,461
<b>212,917</b>	3801,944	-3085,621	820,346	1882,348	-281,518	12,922	-6,461
<b>213,271</b>	3876,351	-2722,606	835,292	1912,990	-281,518	12,922	-6,461
<b>213,625</b>	3951,962	-2355,357	850,238	1933,098	-281,518	12,922	-6,461
<b>214,021</b>	4038,605	-1960,231	866,942	1965,560	-281,518	12,922	-6,461
<b>214,417</b>	4127,829	-1556,335	883,646	1988,053	-281,518	12,922	-6,461
<b>214,813</b>	4219,751	-1156,562	900,350	2010,546	-281,518	12,922	-6,461
<b>215,208</b>	4314,370	-761,313	917,054	2042,357	-281,518	12,922	-6,461
<b>215,604</b>	4411,685	-370,972	933,759	2064,850	-281,518	12,922	-6,461
<b>216,000</b>	4511,698	14,183	950,463	2087,343	-281,518	12,922	-6,461
<b>216,396</b>	-4439,934	330,008	-936,648	230,294	-2025,902	26,425	-52,850
<b>216,792</b>	-4342,618	708,746	-919,944	230,294	-2003,409	26,425	-52,850
<b>217,188</b>	-4247,999	1084,669	-903,240	230,294	-1971,420	26,425	-52,850
<b>217,583</b>	-4156,078	1457,422	-886,536	230,294	-1948,984	26,425	-52,850
<b>217,979</b>	-4066,853	1826,712	-869,831	230,294	-1926,492	26,425	-52,850
<b>218,375</b>	-3980,325	2192,188	-853,127	230,294	-1893,905	26,425	-52,850
<b>218,729</b>	-3904,287	2500,342	-838,181	230,294	-1873,797	26,425	-52,850
<b>219,083</b>	-3829,880	2816,927	-823,236	230,294	-1843,027	26,425	-52,850
<b>219,438</b>	-3756,676	3129,436	-808,290	230,294	-1822,863	26,425	-52,850
<b>219,792</b>	-3684,675	3437,735	-793,344	230,294	-1802,756	26,425	-52,850
<b>220,146</b>	-3613,878	3741,858	-778,398	230,294	-1771,448	26,425	-52,850
<b>220,500</b>	-3544,284	4044,168	-763,452	230,294	-1751,340	26,425	-52,850
<b>221,000</b>	-3446,635	3893,557	-742,352	230,294	-1722,940	26,425	-52,850
<b>221,500</b>	-3349,234	3760,003	-721,252	230,294	-1682,830	26,425	-52,850
<b>222,000</b>	-3251,832	3628,402	-700,152	230,294	-1654,430	26,425	-52,850
<b>222,500</b>	-3154,431	3498,707	-679,052	236,112	-1613,839	26,425	-52,850
<b>223,000</b>	-3057,029	3360,858	-657,952	236,112	-1585,439	26,425	-52,850
<b>223,500</b>	-2959,628	3238,402	-636,852	248,302	-1544,399	26,425	-52,850
<b>224,000</b>	-2862,226	3117,150	-615,752	248,302	-1515,999	26,425	-52,850
<b>224,500</b>	-2764,825	2997,242	-594,652	260,942	-1474,539	26,425	-52,850
<b>225,000</b>	-2667,423	2878,105	-573,552	260,942	-1446,139	26,425	-52,850
<b>225,500</b>	-2570,022	2761,006	-552,452	274,003	-1404,287	26,425	-52,850
<b>226,000</b>	-2472,620	2643,694	-531,352	274,003	-1375,887	26,425	-52,850

<b>226,500</b>	-2375,219	2527,608	-510,252	287,454	-1333,675	26,425	-52,850
<b>227,000</b>	-2277,817	2412,305	-489,152	287,454	-1305,275	26,425	-52,850
<b>227,500</b>	-2180,416	2304,180	-468,052	301,266	-1262,732	26,425	-52,850
<b>228,000</b>	-2083,014	2173,569	-446,952	301,266	-1234,332	26,425	-52,850
<b>228,500</b>	-1985,613	2072,577	-425,852	315,409	-1191,486	26,425	-52,850
<b>229,000</b>	-1888,211	1971,057	-404,752	315,409	-1163,086	26,425	-52,850
<b>229,500</b>	-1790,810	1869,416	-383,652	329,855	-1119,969	26,425	-52,850
<b>230,000</b>	-1693,408	1767,177	-362,552	329,855	-1091,569	26,425	-52,850
<b>230,500</b>	-1596,007	1664,747	-341,452	344,572	-1048,209	26,425	-52,850
<b>231,000</b>	-1498,605	1561,666	-320,352	344,572	-1019,809	26,425	-52,850
<b>231,500</b>	-1401,204	1458,332	-299,252	359,532	-976,236	26,425	-52,850
<b>232,000</b>	-1303,802	1354,312	-278,152	359,532	-947,836	26,425	-52,850
<b>232,500</b>	-1206,401	1249,984	-257,052	374,705	-904,080	26,425	-52,850
<b>233,000</b>	-1108,999	1144,952	-235,952	374,705	-875,680	26,425	-52,850
<b>233,500</b>	-1011,598	1039,561	-214,852	390,061	-831,771	26,425	-52,850
<b>234,000</b>	-914,196	933,464	-193,752	390,061	-803,371	26,425	-52,850
<b>234,500</b>	-816,795	826,964	-172,652	405,570	-759,338	26,425	-52,850
<b>235,000</b>	-719,393	719,769	-151,552	405,570	-730,938	26,425	-52,850
<b>235,500</b>	-621,992	612,129	-130,452	421,204	-686,810	26,425	-52,850
<b>236,000</b>	-524,590	503,818	-109,352	421,204	-658,410	26,425	-52,850
<b>236,500</b>	-427,189	395,026	-88,252	436,931	-614,218	26,425	-52,850
<b>237,000</b>	-329,787	285,597	-67,152	436,931	-585,818	26,425	-52,850
<b>237,500</b>	-232,386	175,651	-46,052	452,724	-541,590	26,425	-52,850
<b>238,000</b>	-134,984	65,110	-24,952	452,724	-513,190	26,425	-52,850
<b>238,500</b>	-37,583	-45,979	-3,852	475,340	-475,746	26,425	-52,850
<b>239,000</b>	59,819	-157,615	17,248	503,740	-475,746	26,425	-52,850
<b>239,500</b>	157,220	-269,830	38,348	547,973	-459,938	26,425	-52,850
<b>240,000</b>	254,622	-382,543	59,448	576,373	-459,938	26,425	-52,850
<b>240,500</b>	352,023	-495,862	80,548	620,581	-444,183	26,425	-52,850
<b>241,000</b>	449,425	-609,630	101,648	648,981	-444,183	26,425	-52,850
<b>241,500</b>	546,826	-724,030	122,748	693,136	-428,512	26,425	-52,850
<b>242,000</b>	644,228	-838,836	143,848	721,536	-428,512	26,425	-52,850
<b>242,500</b>	741,629	-954,300	164,948	765,607	-412,955	26,425	-52,850
<b>243,000</b>	839,031	-1070,135	186,048	794,007	-412,955	26,425	-52,850
<b>243,500</b>	936,432	-1186,654	207,148	837,965	-397,539	26,425	-52,850
<b>244,000</b>	1033,834	-1303,522	228,248	866,365	-397,539	26,425	-52,850
<b>244,500</b>	1131,235	-1421,105	249,348	910,180	-382,297	26,425	-52,850
<b>245,000</b>	1228,637	-1539,030	270,448	938,580	-382,297	26,425	-52,850
<b>245,500</b>	1326,038	-1657,711	291,548	982,222	-367,256	26,425	-52,850
<b>246,000</b>	1423,440	-1776,745	312,648	1010,622	-367,256	26,425	-52,850
<b>246,500</b>	1520,841	-1896,590	333,748	1054,063	-352,448	26,425	-52,850
<b>247,000</b>	1618,243	-2016,828	354,848	1082,463	-352,448	26,425	-52,850
<b>247,500</b>	1715,644	-2137,949	375,948	1125,671	-337,900	26,425	-52,850
<b>248,000</b>	1813,046	-2259,534	397,048	1154,071	-337,900	26,425	-52,850
<b>248,500</b>	1910,447	-2382,099	418,148	1197,019	-323,644	26,425	-52,850

<b>249,000</b>	2007,849	-2505,238	439,248	1225,419	-323,644	26,425	-52,850
<b>249,500</b>	2105,250	-2629,485	460,348	1268,075	-309,708	26,425	-52,850
<b>250,000</b>	2202,652	-2754,464	481,448	1296,475	-309,708	26,425	-52,850
<b>250,500</b>	2300,053	-2880,714	502,548	1338,811	-296,122	26,425	-52,850
<b>251,000</b>	2397,455	-3007,909	523,648	1367,211	-296,122	26,425	-52,850
<b>251,500</b>	2494,856	-3136,526	544,748	1409,197	-282,917	26,425	-52,850
<b>252,000</b>	2592,258	-3266,332	565,848	1437,597	-282,917	26,425	-52,850
<b>252,500</b>	2689,659	-3397,881	586,948	1479,202	-270,121	26,425	-52,850
<b>253,000</b>	2787,061	-3531,009	608,048	1507,602	-270,121	26,425	-52,850
<b>253,500</b>	2884,462	-3666,179	629,148	1548,798	-257,764	26,425	-52,850
<b>254,000</b>	2981,864	-3803,340	650,248	1577,198	-257,764	26,425	-52,850
<b>254,500</b>	3079,265	-3942,881	671,348	1617,955	-251,411	26,425	-52,850
<b>255,000</b>	3176,667	-4084,883	692,448	1646,355	-251,411	26,425	-52,850
<b>255,500</b>	3274,068	-4229,638	713,548	1686,643	-251,411	26,425	-52,850
<b>256,000</b>	3371,470	-4369,102	734,648	1715,043	-251,411	26,425	-52,850
<b>256,500</b>	3468,871	-4514,819	755,748	1754,833	-251,411	26,425	-52,850
<b>256,854</b>	3538,218	-4193,920	770,694	1774,940	-251,411	26,425	-52,850
<b>257,208</b>	3609,016	-3854,886	785,639	1805,909	-251,411	26,425	-52,850
<b>257,563</b>	3681,017	-3512,256	800,585	1826,073	-251,411	26,425	-52,850
<b>257,917</b>	3754,221	-3166,095	815,531	1846,180	-251,411	26,425	-52,850
<b>258,271</b>	3828,628	-2807,990	830,477	1876,591	-251,411	26,425	-52,850
<b>258,625</b>	3904,239	-2444,227	845,423	1896,698	-251,411	26,425	-52,850
<b>259,021</b>	3990,339	-2043,233	862,127	1928,908	-251,411	26,425	-52,850
<b>259,417</b>	4079,564	-1635,712	878,831	1951,400	-251,411	26,425	-52,850
<b>259,813</b>	4171,486	-1232,028	895,535	1973,893	-251,411	26,425	-52,850
<b>260,208</b>	4266,105	-832,613	912,239	2005,429	-251,411	26,425	-52,850
<b>260,604</b>	4363,420	-437,923	928,944	2027,921	-251,411	26,425	-52,850
<b>261,000</b>	4463,433	-48,346	945,648	2050,414	-251,411	26,425	-52,850
<b>261,396</b>	-4354,528	802,439	-936,896	68,295	-1902,571	277,335	-138,668
<b>261,792</b>	-4257,212	1183,269	-920,192	68,295	-1880,078	277,335	-138,668
<b>262,188</b>	-4162,594	1560,782	-903,487	68,295	-1847,941	277,335	-138,668
<b>262,583</b>	-4070,672	1934,642	-886,783	68,295	-1825,505	277,335	-138,668
<b>262,979</b>	-3981,447	2304,487	-870,079	68,295	-1803,012	277,335	-138,668
<b>263,375</b>	-3894,919	2669,958	-853,375	69,181	-1770,246	277,335	-138,668
<b>263,729</b>	-3820,725	2978,104	-838,429	69,181	-1750,139	277,335	-138,668
<b>264,083</b>	-3746,318	3293,493	-823,483	79,454	-1719,146	277,335	-138,668
<b>264,438</b>	-3673,114	3604,324	-808,537	79,454	-1698,982	277,335	-138,668
<b>264,792</b>	-3601,113	3910,558	-793,592	79,454	-1678,875	277,335	-138,668
<b>265,146</b>	-3530,316	4212,217	-778,646	90,339	-1647,290	277,335	-138,668
<b>265,500</b>	-3460,722	4509,509	-763,700	90,339	-1627,183	277,335	-138,668
<b>265,950</b>	-3373,883	4364,160	-744,710	90,339	-1601,623	277,335	-138,668
<b>266,400</b>	-3286,221	4236,736	-725,720	101,817	-1564,011	277,335	-138,668
<b>266,850</b>	-3198,560	4111,455	-706,730	101,817	-1538,451	277,335	-138,668
<b>267,300</b>	-3110,899	3984,239	-687,740	113,869	-1500,284	277,335	-138,668
<b>267,750</b>	-3023,237	3859,539	-668,750	113,869	-1474,724	277,335	-138,668

<b>268,200</b>	-2935,576	3737,200	-649,760	126,476	-1436,020	277,335	-138,668
<b>268,650</b>	-2847,914	3626,384	-630,770	126,476	-1410,460	277,335	-138,668
<b>269,100</b>	-2760,253	3517,030	-611,780	139,621	-1371,236	277,335	-138,668
<b>269,550</b>	-2672,592	3409,143	-592,790	139,621	-1345,676	277,335	-138,668
<b>270,000</b>	-2584,930	3302,172	-573,800	139,621	-1320,116	277,335	-138,668
<b>270,450</b>	-2497,269	3187,348	-554,810	153,284	-1280,393	277,335	-138,668
<b>270,900</b>	-2409,608	3083,815	-535,820	153,284	-1254,833	277,335	-138,668
<b>271,350</b>	-2321,946	2981,480	-516,830	167,447	-1214,628	277,335	-138,668
<b>271,800</b>	-2234,285	2880,013	-497,840	167,447	-1189,068	277,335	-138,668
<b>272,250</b>	-2146,624	2779,440	-478,850	182,092	-1148,401	277,335	-138,668
<b>272,700</b>	-2058,962	2685,912	-459,860	182,092	-1122,841	277,335	-138,668
<b>273,150</b>	-1971,301	2898,749	-440,870	197,199	-1081,728	277,335	-138,668
<b>273,600</b>	-1883,640	2800,607	-421,880	197,199	-1056,168	277,335	-138,668
<b>274,050</b>	-1795,978	2701,848	-402,890	212,752	-1014,630	277,335	-138,668
<b>274,500</b>	-1708,317	2602,768	-383,900	212,752	-989,070	277,335	-138,668
<b>274,950</b>	-1620,656	2502,856	-364,910	212,752	-963,510	277,335	-138,668
<b>275,400</b>	-1532,994	2402,505	-345,920	228,730	-921,564	277,335	-138,668
<b>275,850</b>	-1445,333	2301,291	-326,930	228,730	-896,004	277,335	-138,668
<b>276,300</b>	-1357,672	2199,438	-307,940	245,116	-853,670	277,335	-138,668
<b>276,750</b>	-1270,010	2096,747	-288,950	245,116	-828,110	277,335	-138,668
<b>277,200</b>	-1182,349	1993,243	-269,960	261,890	-785,404	277,335	-138,668
<b>277,650</b>	-1094,687	1888,945	-250,970	261,890	-759,844	277,335	-138,668
<b>278,100</b>	-1007,026	1783,686	-231,980	279,036	-716,787	277,335	-138,668
<b>278,550</b>	-919,365	1677,689	-212,990	279,036	-691,227	277,335	-138,668
<b>279,000</b>	-831,703	1570,612	-194,000	296,533	-647,837	277,335	-138,668
<b>279,450</b>	-744,042	1462,839	-175,010	296,533	-622,277	277,335	-138,668
<b>279,900</b>	-656,381	1353,984	-156,020	296,533	-596,717	277,335	-138,668
<b>280,350</b>	-568,719	1244,346	-137,030	314,363	-553,012	277,335	-138,668
<b>280,800</b>	-481,058	1133,724	-118,040	314,363	-527,452	277,335	-138,668
<b>281,250</b>	-393,397	1022,237	-99,050	342,155	-493,097	277,335	-138,668
<b>281,700</b>	-305,735	909,860	-80,060	342,155	-488,544	277,335	-138,668
<b>282,150</b>	-218,074	796,576	-61,070	407,163	-469,824	277,335	-138,668
<b>282,600</b>	-130,413	682,475	-42,080	432,723	-469,824	277,335	-138,668
<b>283,050</b>	-42,751	567,468	-23,090	477,003	-450,845	277,335	-138,668
<b>283,500</b>	44,910	451,695	-4,100	502,563	-450,845	277,335	-138,668
<b>284,000</b>	142,312	252,657	17,000	530,963	-450,845	277,335	-138,668
<b>284,500</b>	239,713	52,332	38,100	578,342	-431,626	277,335	-138,668
<b>285,000</b>	337,115	-149,177	59,200	606,742	-431,626	277,335	-138,668
<b>285,500</b>	434,516	-351,624	80,300	654,361	-412,184	277,335	-138,668
<b>286,000</b>	531,918	-554,800	101,400	682,761	-412,184	277,335	-138,668
<b>286,500</b>	629,319	-758,668	122,500	730,603	-392,539	277,335	-138,668
<b>287,000</b>	726,721	-962,959	143,600	759,003	-392,539	277,335	-138,668
<b>287,500</b>	824,122	-1168,849	164,700	807,048	-372,708	277,335	-138,668
<b>288,000</b>	921,524	-1375,296	185,800	835,448	-372,708	277,335	-138,668
<b>288,500</b>	1018,925	-1572,756	206,900	883,679	-352,710	277,335	-138,668

<b>289,000</b>	1116,327	-1767,615	228,000	912,079	-352,710	277,335	-138,668
<b>289,500</b>	1213,728	-1960,403	249,100	960,477	-332,565	277,335	-138,668
<b>290,000</b>	1311,130	-2150,811	270,200	988,877	-332,565	277,335	-138,668
<b>290,500</b>	1408,531	-2339,065	291,300	1037,422	-312,290	277,335	-138,668
<b>291,000</b>	1505,933	-2524,904	312,400	1065,822	-312,290	277,335	-138,668
<b>291,500</b>	1603,334	-2708,595	333,500	1114,497	-291,903	277,335	-138,668
<b>292,000</b>	1700,736	-2889,961	354,600	1142,897	-291,903	277,335	-138,668
<b>292,500</b>	1798,137	-3069,306	375,700	1191,684	-271,424	277,335	-138,668
<b>292,854</b>	1868,553	-3199,402	390,646	1211,791	-271,424	277,335	-138,668
<b>293,208</b>	1939,351	-3322,097	405,592	1252,377	-255,244	277,335	-138,668
<b>293,563</b>	2011,351	-3443,774	420,538	1272,541	-255,244	277,335	-138,668
<b>293,917</b>	2084,555	-3564,493	435,483	1292,648	-255,244	277,335	-138,668
<b>294,271</b>	2158,962	-3684,389	450,429	1333,309	-255,244	277,335	-138,668
<b>294,625</b>	2234,573	-3803,525	465,375	1353,416	-255,244	277,335	-138,668
<b>295,021</b>	2322,518	-3959,635	482,079	1375,909	-255,244	277,335	-138,668
<b>295,417</b>	2411,743	-4088,343	498,783	1398,401	-255,244	277,335	-138,668
<b>295,813</b>	2503,665	-4216,127	515,488	1420,894	-255,244	277,335	-138,668
<b>296,208</b>	2598,284	-4343,117	532,192	1443,330	-255,244	277,335	-138,668
<b>296,604</b>	2695,599	-4469,455	548,896	1465,823	-255,244	277,335	-138,668
<b>297,000</b>	2795,612	-4594,699	565,600	1488,316	-255,244	277,335	-138,668



**Anexo D – Estado limite de descompressão (Início da exploração)**

Secção	$A_c$ [m <sup>2</sup> ]	$I_c$ [m <sup>4</sup> ]	$V_{sup}$ [m]	$V_{inf}$ [m]	$f_{ctm}$ [MPa]
<b>Secção corrente (SCORRE)</b>	7,792	6,821	0,968	2,032	3,200
<b>Secção var. menor (SVARME)</b>	8,608	7,893			
<b>Secção var. maior (SVARMA)</b>	10,243	9,767			

	Posição (x)	$M_{QP}$ [kN.m]	$M_{PE,iso,0}$ [kN.m]	$P_0$ [kN]	$M_{PE,hip,0}$ [kN.m]	$\sigma_{inf}$ [MPa]	$\sigma_{sup}$ [MPa]
<b>SVARMA</b>	0,000	0,000	0,000	19474,104	0,000	-1,901	-1,901
	0,396	1512,613	-1953,411	19518,875	115,539	-1,973	-1,873
	0,792	2977,901	-3857,589	19563,748	231,663	-2,045	-1,846
	1,188	4394,602	-5712,069	19608,726	348,292	-2,116	-1,818
	1,583	5763,949	-7516,525	19653,807	465,459	-2,187	-1,791
	1,979	7091,918	-9270,628	19698,991	583,217	-2,255	-1,765
	2,375	8368,632	-10973,913	19744,280	701,477	-2,324	-1,739
<b>SVARME</b>	2,729	9478,583	-12457,594	19789,672	807,986	-2,858	-2,033
	3,083	10555,165	-13897,350	19830,375	914,719	-2,929	-2,006
	3,438	11591,211	-15295,640	19871,161	1021,939	-2,999	-1,980
	3,792	12601,560	-16652,151	19912,031	1129,602	-3,065	-1,955
	4,146	13576,295	-17966,571	19952,986	1237,676	-3,130	-1,931
	4,500	14512,026	-19238,694	19994,024	1346,234	-3,193	-1,908
<b>SCORREN</b>	5,000	15795,941	-20944,287	20035,147	1498,970	-3,658	-2,053
	5,500	16995,341	-22580,512	20093,347	1653,743	-3,750	-2,021
	6,000	18153,036	-24130,312	20151,716	1809,419	-3,828	-1,995
	6,500	19222,282	-25592,892	20210,255	1965,998	-3,906	-1,969
	7,000	20253,768	-26967,453	20268,964	2123,494	-3,969	-1,950
	7,500	21192,945	-28253,192	20327,843	2281,899	-4,032	-1,931
	8,000	22098,234	-29449,301	20386,893	2441,228	-4,079	-1,920
	8,500	22907,438	-30554,966	20446,115	2601,473	-4,127	-1,908
	9,000	23686,547	-31569,370	20505,509	2762,645	-4,157	-1,905
	9,500	24365,886	-32491,691	20565,075	2924,755	-4,189	-1,901
	10,000	25018,830	-33321,100	20624,815	3087,790	-4,200	-1,907
	10,500	25568,428	-34056,766	20684,728	3251,772	-4,215	-1,911
	11,000	26095,226	-34697,851	20744,815	3416,691	-4,207	-1,926
	11,500	26515,217	-35243,514	20805,076	3582,563	-4,203	-1,940
	12,000	26915,889	-35692,907	20865,513	3749,376	-4,176	-1,964
	12,500	27206,422	-36045,179	20926,125	3917,157	-4,152	-1,987
	13,000	27480,991	-36299,472	20986,913	4085,888	-4,103	-2,022
	13,500	27642,226	-36454,925	21047,878	4255,588	-4,059	-2,054
	13,950	27778,533	-36534,225	21109,020	4410,409	-4,004	-2,092
14,400	27821,146	-36528,146	21151,703	4562,050	-3,949	-2,126	
14,850	27844,755	-36468,482	21194,473	4714,270	-3,885	-2,165	

	15,300	27794,280	-36354,909	21237,329	4867,067	-3,826	-2,201
	15,750	27704,052	-36187,102	21280,272	5020,448	-3,763	-2,240
	16,200	27561,737	-35964,733	21323,301	5174,404	-3,698	-2,278
	16,650	27356,636	-35687,473	21366,418	5328,947	-3,636	-2,316
	17,100	27124,110	-35354,993	21409,622	5484,072	-3,566	-2,358
	17,550	26804,899	-34966,961	21452,913	5639,784	-3,505	-2,395
	18,000	26480,072	-34523,044	21496,292	5796,084	-3,428	-2,440
	18,450	26052,861	-34022,909	21539,758	5952,975	-3,365	-2,478
	18,900	25618,195	-33466,221	21583,312	6110,456	-3,288	-2,523
	19,350	25099,931	-32852,642	21626,955	6268,527	-3,218	-2,565
	19,800	24551,202	-32181,835	21670,685	6427,198	-3,140	-2,610
	20,250	23941,067	-31453,460	21714,504	6586,463	-3,063	-2,655
	20,700	23279,232	-30667,176	21758,412	6746,328	-2,984	-2,701
	21,150	22576,537	-29822,642	21802,408	6906,794	-2,899	-2,750
	21,600	21802,424	-28919,515	21846,494	7067,856	-2,818	-2,797
	22,050	21006,623	-27957,448	21890,668	7229,527	-2,726	-2,849
	22,500	20094,034	-26936,097	21934,932	7391,800	-2,651	-2,893
	22,950	19226,526	-25855,113	21979,285	7554,680	-2,545	-2,952
	23,400	18243,385	-24714,147	22023,729	7718,169	-2,455	-3,003
	23,850	17236,913	-23512,850	22068,261	7882,269	-2,354	-3,060
	24,300	16161,103	-22250,869	22112,884	8046,980	-2,255	-3,116
	24,750	15043,188	-20927,851	22157,598	8212,308	-2,150	-3,174
	25,200	13874,403	-19543,442	22202,401	8378,249	-2,042	-3,234
	25,650	12645,521	-18097,285	22247,295	8544,810	-1,934	-3,294
	26,100	11383,620	-16589,023	22292,280	8711,988	-1,816	-3,359
	26,550	10044,088	-15018,298	22337,356	8879,785	-1,703	-3,421
	27,000	8689,105	-13384,749	22382,523	9048,211	-1,576	-3,490
	27,450	7243,132	-11688,014	22427,782	9217,255	-1,457	-3,556
	27,900	5781,683	-9927,731	22473,132	9386,928	-1,323	-3,628
	28,350	4242,921	-8103,534	22518,573	9557,234	-1,193	-3,698
	28,800	2671,180	-6215,058	22564,107	9728,160	-1,053	-3,773
	29,250	-5216,980	-4261,935	22609,732	9899,728	-2,776	-2,961
	29,700	-6883,517	-2243,796	22655,450	10071,927	-2,626	-3,042
	30,150	-8598,047	-160,271	22701,260	10244,759	-2,471	-3,124
	30,600	-10360,570	1989,012	22747,163	10418,228	-2,310	-3,210
	31,050	-12171,086	4201,407	22776,794	10584,732	-2,144	-3,294
	31,500	-14029,596	6455,556	22730,831	10715,978	-1,981	-3,363
<b>SVARME</b>	31,854	-15567,387	8153,324	22634,786	10790,269	-1,760	-3,044
	32,208	-17149,864	9695,855	22539,149	10863,784	-1,741	-3,037
	32,563	-18773,716	11085,111	22443,913	10936,430	-1,771	-3,006
	32,917	-20429,990	12322,908	22349,080	11008,267	-1,850	-2,952
	33,271	-22119,236	13411,061	22254,650	11079,327	-1,975	-2,876
	33,625	-23841,522	14351,461	22160,616	11149,557	-2,147	-2,778
<b>SVARMA</b>	34,021	-25806,398	15229,825	22055,992	11227,120	-2,018	-2,218
	34,417	-27814,800	15928,383	21951,859	11303,673	-2,264	-2,085
	34,813	-29867,444	16449,585	21848,220	11379,268	-2,557	-1,931

	35,208	-31965,007	16795,916	21745,070	11453,885	-2,896	-1,755
	35,604	-34109,093	16969,818	21642,405	11527,529	-3,280	-1,557
	36,000	-36300,504	16973,699	21540,227	11600,218	-3,710	-1,337
	36,396	-34014,751	16809,961	21438,532	11542,084	-3,271	-1,532
	36,792	-31776,864	16480,965	21337,314	11484,233	-2,876	-1,705
	37,188	-29592,104	15989,077	21236,576	11426,659	-2,526	-1,858
	37,583	-27462,546	15336,620	21136,315	11369,365	-2,221	-1,989
	37,979	-25385,633	14525,875	21036,523	11312,363	-1,960	-2,099
	38,375	-23352,247	13559,167	20937,206	11255,622	-1,740	-2,189
<b>SVARME</b>	38,729	-21568,669	12563,833	20848,739	11205,103	-1,856	-2,692
	39,083	-19818,131	11447,073	20760,648	11154,777	-1,695	-2,753
	39,438	-18100,300	10210,416	20672,928	11104,697	-1,574	-2,796
	39,792	-16415,400	8855,470	20585,577	11054,840	-1,492	-2,820
	40,146	-14762,261	7383,843	20498,598	11005,160	-1,448	-2,826
	40,500	-13140,459	5797,004	20411,985	10955,741	-1,441	-2,814
<b>SCORE</b>	41,000	-10904,346	3534,671	20366,223	10927,027	-1,554	-3,119
	41,500	-8730,323	1345,673	20320,563	10898,365	-1,561	-3,106
	42,000	-6692,252	-770,450	20275,006	10869,757	-1,587	-3,086
	42,500	-4735,390	-2814,155	20229,551	10841,194	-1,616	-3,063
	43,000	3319,079	-4785,897	20184,197	10812,685	0,194	-3,917
	43,500	5195,335	-6686,130	20138,946	10784,228	0,184	-3,903
	44,000	7056,971	-8515,304	20093,796	10755,821	0,191	-3,898
	44,500	8808,309	-10273,869	20048,747	10727,466	0,186	-3,887
	45,000	10544,484	-11989,151	20048,747	10723,201	0,191	-3,890
	45,500	12170,608	-13518,936	19867,802	10622,174	0,213	-3,866
	46,000	13791,681	-15129,033	19912,444	10641,765	0,216	-3,876
	46,500	15315,879	-16684,208	19957,187	10661,367	0,207	-3,880
	47,000	16824,579	-18184,068	20002,030	10680,976	0,210	-3,890
	47,500	18223,028	-19628,215	20046,974	10700,604	0,196	-3,892
	48,000	19606,153	-21016,252	20092,019	10720,237	0,195	-3,900
	48,500	20878,615	-22347,778	20137,165	10739,883	0,178	-3,900
	49,000	22136,133	-23622,392	20182,412	10759,548	0,172	-3,906
	49,500	23282,394	-24839,691	20227,762	10779,216	0,151	-3,905
	50,000	24414,275	-25999,269	20273,213	10798,901	0,143	-3,909
	50,500	25434,140	-27100,718	20318,766	10818,596	0,119	-3,906
	51,000	26440,359	-28143,630	20364,421	10838,303	0,108	-3,910
	51,500	27333,652	-29127,594	20410,180	10858,020	0,081	-3,906
	52,000	28214,186	-30052,196	20456,041	10877,749	0,068	-3,908
	52,500	28980,756	-30917,023	20502,005	10897,490	0,038	-3,903
53,000	29735,584	-31721,657	20548,072	10917,239	0,024	-3,905	
53,500	30375,297	-32465,679	20594,243	10937,002	-0,007	-3,898	
54,000	31004,402	-33148,671	20640,517	10956,771	-0,024	-3,900	
54,500	31517,146	-33770,208	20686,896	10976,559	-0,056	-3,893	
55,000	32020,514	-34329,867	20733,378	10996,349	-0,073	-3,894	
55,500	32406,200	-34827,222	20779,966	11016,152	-0,106	-3,887	
56,000	32783,819	-35261,845	20826,657	11035,969	-0,123	-3,887	

	56,500	33042,374	-35633,306	20873,454	11055,790	-0,157	-3,880
	57,000	33294,237	-35941,172	20920,356	11075,626	-0,174	-3,881
	57,500	33425,613	-36185,010	20967,363	11095,469	-0,207	-3,874
	58,000	33551,713	-36364,384	21014,476	11115,322	-0,223	-3,875
	58,500	33555,881	-36478,856	21061,695	11135,188	-0,256	-3,868
	59,000	33556,216	-36527,987	21109,020	11155,065	-0,271	-3,870
	59,500	33434,461	-36511,334	21156,451	11174,947	-0,303	-3,864
	60,000	33307,739	-36428,453	21203,989	11194,839	-0,316	-3,867
	60,500	33060,219	-36278,900	21251,634	11214,744	-0,345	-3,862
	61,000	32806,298	-36062,226	21299,385	11234,653	-0,357	-3,866
	61,500	32433,017	-35777,982	21347,244	11254,575	-0,383	-3,862
	62,000	32051,932	-35425,715	21395,211	11274,505	-0,392	-3,867
	62,500	31552,897	-35004,972	21443,285	11294,441	-0,416	-3,865
	63,000	31044,706	-34515,297	21491,468	11314,389	-0,421	-3,871
	63,500	30419,926	-33956,232	21539,758	11334,347	-0,441	-3,871
	64,000	29784,706	-33327,317	21588,157	11354,310	-0,443	-3,879
	64,500	29034,193	-32628,091	21636,665	11374,284	-0,459	-3,881
	65,000	28272,043	-31858,088	21685,282	11394,267	-0,457	-3,891
	65,500	27395,814	-31016,844	21734,008	11414,256	-0,468	-3,895
	66,000	26506,852	-30103,890	21782,843	11434,255	-0,461	-3,908
	66,500	25504,924	-29118,755	21831,789	11454,261	-0,466	-3,914
	67,000	24489,292	-28060,967	21880,844	11474,276	-0,454	-3,930
	67,500	23361,687	-26930,052	21930,010	11494,294	-0,453	-3,939
	68,000	22219,545	-25725,533	21979,285	11514,324	-0,435	-3,957
	68,500	20966,286	-24446,931	22028,672	11534,360	-0,428	-3,970
	69,000	19697,816	-23093,766	22078,170	11554,403	-0,403	-3,991
	69,500	18318,931	-21665,554	22127,779	11574,455	-0,389	-4,007
	70,000	16924,335	-20161,811	22177,499	11594,514	-0,357	-4,032
	70,500	15419,854	-18582,049	22227,331	11614,581	-0,335	-4,052
	71,000	13899,355	-16925,779	22277,275	11634,654	-0,294	-4,081
	71,500	12269,467	-15192,509	22327,331	11654,734	-0,264	-4,105
	72,000	10635,755	-13381,745	22377,500	11674,814	-0,212	-4,139
	72,500	8892,630	-11492,992	22427,782	11694,912	-0,169	-4,169
	73,000	7133,524	-9525,751	22478,176	11715,007	-0,107	-4,208
	73,500	5264,912	-7479,523	22528,684	11735,110	-0,055	-4,242
	74,000	3380,696	-5353,804	22579,305	11755,224	0,016	-4,286
	74,500	-4575,575	-3148,090	22630,040	11775,338	-1,697	-3,479
	75,000	-6518,182	-861,874	22680,889	11795,462	-1,595	-3,537
	75,500	-8520,041	1505,354	22731,852	11815,591	-1,487	-3,599
	76,000	-10654,244	3952,152	22771,683	11829,883	-1,395	-3,650
	76,500	-12874,745	6452,659	22720,630	11796,935	-1,315	-3,679
<b>SVARME</b>	76,854	-14485,488	8149,665	22624,628	11742,535	-1,237	-3,291
	77,208	-16127,567	9691,503	22529,033	11688,421	-1,265	-3,261
	77,563	-17801,676	11080,136	22433,840	11634,500	-1,341	-3,209
	77,917	-19508,182	12317,377	22339,050	11580,826	-1,465	-3,134
	78,271	-21247,660	13405,042	22244,662	11527,425	-1,636	-3,036

	78,625	-23020,178	14345,020	22150,671	11474,231	-1,853	-2,917
<b>SVARMA</b>	79,021	-25041,205	15222,990	22046,093	11415,075	-1,820	-2,311
	79,417	-27105,758	15921,234	21942,007	11356,195	-2,107	-2,159
	79,813	-29214,553	16442,203	21838,414	11297,628	-2,439	-1,986
	80,208	-31368,242	16788,378	21735,311	11239,355	-2,817	-1,791
	80,604	-33568,478	16962,202	21632,692	11181,362	-3,241	-1,574
	81,000	-35816,040	16966,081	21530,560	11123,665	-3,709	-1,336
	81,396	-33556,014	16802,417	21428,910	11071,569	-3,274	-1,529
	81,792	-31346,219	16473,568	21327,738	11019,712	-2,884	-1,700
	82,188	-29183,715	15981,902	21227,046	10968,085	-2,537	-1,851
	82,583	-27066,694	15329,737	21126,829	10916,693	-2,233	-1,981
	82,979	-24993,617	14519,356	21027,083	10865,548	-1,972	-2,092
83,375	-22964,066	13553,082	20927,810	10814,619	-1,751	-2,182	
<b>SVARME</b>	83,729	-21183,924	12558,195	20839,382	10769,262	-1,869	-2,684
	84,083	-19436,821	11441,936	20751,331	10724,063	-1,708	-2,745
	84,438	-17722,415	10205,834	20663,650	10679,074	-1,586	-2,788
	84,792	-16040,950	8851,496	20576,339	10634,272	-1,504	-2,813
	85,146	-14391,246	7380,530	20489,399	10589,612	-1,459	-2,819
	85,500	-12772,879	5794,402	20402,824	10545,173	-1,452	-2,808
<b>SCORE</b>	86,000	-10541,613	3533,085	20357,082	10521,929	-1,566	-3,111
	86,500	-8388,285	1345,069	20311,443	10498,714	-1,577	-3,097
	87,000	-6376,388	-770,104	20265,907	10475,532	-1,609	-3,073
	87,500	-4423,743	-2812,892	20220,472	10452,373	-1,637	-3,051
	88,000	3285,881	-4783,750	20175,139	10429,244	0,072	-3,857
	88,500	5164,546	-6683,129	20129,908	10406,142	0,064	-3,845
	89,000	7027,734	-8511,483	20084,778	10383,073	0,074	-3,841
	89,500	8781,336	-10269,258	20039,749	10360,032	0,071	-3,831
	90,000	10519,050	-11983,770	20039,749	10360,244	0,078	-3,834
	90,500	12147,305	-13518,936	19867,802	10271,537	0,102	-3,813
	91,000	13781,471	-15129,033	19912,444	10294,785	0,110	-3,825
	91,500	15307,284	-16684,208	19957,187	10318,063	0,102	-3,830
	92,000	16817,105	-18184,068	20002,030	10341,374	0,107	-3,841
	92,500	18217,060	-19628,215	20046,974	10364,713	0,095	-3,843
	93,000	19601,297	-21016,252	20092,019	10388,082	0,095	-3,852
	93,500	20875,169	-22347,778	20137,165	10411,482	0,079	-3,853
	94,000	22133,793	-23622,392	20182,412	10434,912	0,075	-3,860
	94,500	23281,377	-24839,691	20227,762	10458,374	0,055	-3,859
	95,000	24414,360	-25999,269	20273,213	10481,862	0,049	-3,864
	95,500	25435,472	-27100,718	20318,766	10505,385	0,026	-3,862
	96,000	26442,789	-28143,630	20364,421	10528,933	0,016	-3,866
96,500	27337,264	-29127,594	20410,180	10552,512	-0,009	-3,863	
97,000	28218,894	-30052,196	20456,041	10576,127	-0,021	-3,866	
97,500	28986,589	-30917,023	20502,005	10599,766	-0,048	-3,861	
98,000	29742,512	-31721,657	20548,072	10623,437	-0,062	-3,864	
98,500	30383,303	-32465,679	20594,243	10647,138	-0,091	-3,858	
99,000	31013,504	-33148,671	20640,517	10670,869	-0,106	-3,860	

	99,500	31527,288	-33770,208	20686,896	10694,632	-0,137	-3,854
	100,000	32031,753	-34329,867	20733,378	10718,422	-0,152	-3,856
	100,500	32418,447	-34827,222	20779,966	10742,243	-0,184	-3,849
	101,000	32797,166	-35261,845	20826,657	10766,093	-0,200	-3,851
	101,500	33056,708	-35633,306	20873,454	10789,971	-0,232	-3,844
	102,000	33309,674	-35941,172	20920,356	10813,883	-0,247	-3,846
	102,500	33442,020	-36185,010	20967,363	10837,822	-0,279	-3,840
	103,000	33569,228	-36364,384	21014,476	10861,789	-0,294	-3,842
	103,500	33574,357	-36478,856	21061,695	10885,790	-0,325	-3,836
	104,000	33575,806	-36527,987	21109,020	10909,816	-0,338	-3,838
	104,500	33455,165	-36511,334	21156,451	10933,874	-0,368	-3,833
	105,000	33329,407	-36428,453	21203,989	10957,965	-0,380	-3,837
	105,500	33083,008	-36278,900	21251,634	10982,079	-0,408	-3,832
	106,000	32830,054	-36062,226	21299,385	11006,225	-0,418	-3,837
	106,500	32457,901	-35777,982	21347,244	11030,401	-0,443	-3,834
	107,000	32077,792	-35425,715	21395,211	11054,608	-0,450	-3,839
	107,500	31579,893	-35004,972	21443,285	11078,839	-0,472	-3,838
	108,000	31072,690	-34515,297	21491,468	11103,100	-0,476	-3,845
	108,500	30449,055	-33956,232	21539,758	11127,395	-0,494	-3,846
	109,000	29814,841	-33327,317	21588,157	11151,716	-0,495	-3,855
	109,500	29065,482	-32628,091	21636,665	11176,067	-0,509	-3,857
	110,000	28304,359	-31858,088	21685,282	11200,448	-0,505	-3,868
	110,500	27429,294	-31016,844	21734,008	11224,855	-0,514	-3,873
	111,000	26541,384	-30103,890	21782,843	11249,292	-0,506	-3,886
	111,500	25540,630	-29118,755	21831,789	11273,761	-0,509	-3,894
	112,000	24526,077	-28060,967	21880,844	11298,256	-0,495	-3,910
	112,500	23399,656	-26930,052	21930,010	11322,780	-0,493	-3,920
	113,000	22258,622	-25725,533	21979,285	11347,332	-0,473	-3,939
	113,500	21006,559	-24446,931	22028,672	11371,912	-0,464	-3,953
	114,000	19739,229	-23093,766	22078,170	11396,522	-0,438	-3,975
	114,500	18361,550	-21665,554	22127,779	11421,160	-0,422	-3,992
	115,000	16968,127	-20161,811	22177,499	11445,830	-0,388	-4,017
	115,500	15464,864	-18582,049	22227,331	11470,525	-0,364	-4,038
	116,000	13945,571	-16925,779	22277,275	11495,245	-0,322	-4,067
	116,500	12317,013	-15192,509	22327,331	11520,000	-0,290	-4,092
	117,000	10692,366	-13381,745	22377,500	11544,785	-0,234	-4,129
	117,500	8958,306	-11492,992	22427,782	11569,592	-0,187	-4,160
	118,000	7208,299	-9525,751	22478,176	11594,432	-0,121	-4,201
	118,500	5348,763	-7479,523	22528,684	11619,295	-0,065	-4,238
	119,000	3473,680	-5353,804	22579,305	11644,186	0,011	-4,283
	119,500	-4565,448	-3148,090	22630,040	11669,112	-1,726	-3,466
	120,000	-6520,429	-861,874	22680,889	11694,060	-1,626	-3,523
	120,500	-8534,662	1505,354	22731,852	11719,037	-1,520	-3,583
	121,000	-10686,934	3952,152	22771,683	11738,243	-1,432	-3,632
	121,500	-12920,439	6452,659	22720,630	11710,581	-1,354	-3,660
<b>SVARME</b>	121,854	-14549,115	8149,665	22624,628	11660,120	-1,274	-3,274

	122,208	-16200,405	9691,503	22529,033	11609,919	-1,304	-3,243
	122,563	-17883,731	11080,136	22433,840	11559,878	-1,382	-3,190
	122,917	-19599,448	12317,377	22339,050	11510,058	-1,507	-3,114
	123,271	-21348,137	13405,042	22244,662	11460,473	-1,679	-3,016
	123,625	-23129,866	14345,020	22150,671	11411,066	-1,897	-2,895
<b>SVARMA</b>	124,021	-25161,189	15222,990	22046,093	11356,108	-1,857	-2,293
	124,417	-27236,039	15921,234	21942,007	11301,386	-2,145	-2,141
	124,813	-29355,130	16442,203	21838,414	11246,941	-2,479	-1,967
	125,208	-31519,109	16788,378	21735,311	11192,748	-2,858	-1,771
	125,604	-33729,642	16962,202	21632,692	11138,799	-3,283	-1,554
	126,000	-35987,501	16966,081	21530,560	11085,110	-3,753	-1,316
	126,396	-33726,233	16802,417	21428,910	11033,901	-3,317	-1,508
	126,792	-31512,485	16473,568	21327,738	10982,928	-2,926	-1,680
	127,188	-29345,063	15981,902	21227,046	10932,177	-2,578	-1,831
	127,583	-27223,125	15329,737	21126,829	10881,652	-2,273	-1,962
	127,979	-25145,129	14519,356	21027,083	10831,366	-2,010	-2,073
	128,375	-23110,660	13553,082	20927,810	10781,290	-1,789	-2,164
<b>SVARME</b>	128,729	-21326,117	12558,195	20839,382	10736,690	-1,914	-2,662
	129,083	-19574,614	11441,936	20751,331	10692,241	-1,752	-2,725
	129,438	-17855,806	10205,834	20663,650	10647,996	-1,629	-2,768
	129,792	-16169,940	8851,496	20576,339	10603,934	-1,545	-2,793
	130,146	-14515,836	7380,530	20489,399	10560,009	-1,499	-2,800
	130,500	-12893,069	5794,402	20402,824	10516,299	-1,490	-2,789
<b>SCORRE</b>	131,000	-10655,590	3533,085	20357,082	10493,967	-1,608	-3,091
	131,500	-8498,787	1345,069	20311,443	10471,664	-1,618	-3,078
	132,000	-6480,630	-770,104	20265,907	10449,385	-1,648	-3,055
	132,500	-4521,723	-2812,892	20220,472	10427,131	-1,674	-3,034
	133,000	3546,135	-4783,750	20175,139	10404,898	0,142	-3,890
	133,500	5426,475	-6683,129	20129,908	10382,692	0,135	-3,879
	134,000	7291,276	-8511,483	20084,778	10360,513	0,145	-3,875
	134,500	9046,543	-10269,258	20039,749	10338,357	0,144	-3,865
	135,000	10785,868	-11983,770	20039,749	10339,407	0,152	-3,869
	135,500	12415,778	-13518,936	19867,802	10251,711	0,176	-3,848
	136,000	14051,781	-15129,033	19912,444	10275,745	0,185	-3,861
	136,500	15578,605	-16684,208	19957,187	10299,814	0,178	-3,866
	137,000	17089,402	-18184,068	20002,030	10323,914	0,183	-3,877
	137,500	18490,359	-19628,215	20046,974	10348,050	0,171	-3,880
	138,000	19875,572	-21016,252	20092,019	10372,221	0,172	-3,889
	138,500	21150,440	-22347,778	20137,165	10396,425	0,156	-3,890
	139,000	22410,038	-23622,392	20182,412	10420,663	0,153	-3,897
	139,500	23558,611	-24839,691	20227,762	10444,934	0,134	-3,896
	140,000	24692,569	-25999,269	20273,213	10469,240	0,128	-3,902
	140,500	25714,664	-27100,718	20318,766	10493,583	0,106	-3,900
141,000	26722,955	-28143,630	20364,421	10517,955	0,097	-3,905	
141,500	27618,409	-29127,594	20410,180	10542,362	0,072	-3,901	
142,000	28501,012	-30052,196	20456,041	10566,805	0,061	-3,905	

142,500	29269,682	-30917,023	20502,005	10591,280	0,033	-3,900
143,000	30026,579	-31721,657	20548,072	10615,789	0,021	-3,903
143,500	30668,342	-32465,679	20594,243	10640,334	-0,009	-3,898
144,000	31299,515	-33148,671	20640,517	10664,910	-0,023	-3,900
144,500	31814,268	-33770,208	20686,896	10689,520	-0,053	-3,894
145,000	32319,707	-34329,867	20733,378	10714,162	-0,068	-3,896
145,500	32707,367	-34827,222	20779,966	10738,839	-0,099	-3,890
146,000	33087,060	-35261,845	20826,657	10763,552	-0,114	-3,892
146,500	33347,566	-35633,306	20873,454	10788,297	-0,146	-3,885
147,000	33601,505	-35941,172	20920,356	10813,077	-0,161	-3,887
147,500	33734,815	-36185,010	20967,363	10837,889	-0,192	-3,881
148,000	33862,997	-36364,384	21014,476	10862,735	-0,206	-3,884
148,500	33869,089	-36478,856	21061,695	10887,614	-0,237	-3,878
149,000	33871,513	-36527,987	21109,020	10912,526	-0,249	-3,881
149,500	33751,846	-36511,334	21156,451	10937,474	-0,279	-3,876
150,000	33627,051	-36428,453	21203,989	10962,456	-0,290	-3,879
150,500	33381,627	-36278,900	21251,634	10987,467	-0,317	-3,875
151,000	33129,636	-36062,226	21299,385	11012,515	-0,326	-3,880
151,500	32758,459	-35777,982	21347,244	11037,595	-0,351	-3,877
152,000	32379,314	-35425,715	21395,211	11062,708	-0,358	-3,883
152,500	31882,391	-35004,972	21443,285	11087,854	-0,379	-3,882
153,000	31376,153	-34515,297	21491,468	11113,034	-0,383	-3,890
153,500	30753,495	-33956,232	21539,758	11138,249	-0,400	-3,890
154,000	30120,247	-33327,317	21588,157	11163,495	-0,400	-3,900
154,500	29371,866	-32628,091	21636,665	11188,772	-0,414	-3,903
155,000	28611,711	-31858,088	21685,282	11214,086	-0,409	-3,914
155,500	27737,624	-31016,844	21734,008	11239,434	-0,418	-3,919
156,000	26850,685	-30103,890	21782,843	11264,810	-0,409	-3,932
156,500	25850,909	-29118,755	21831,789	11290,224	-0,412	-3,940
157,000	24837,329	-28060,967	21880,844	11315,669	-0,397	-3,956
157,500	23711,887	-26930,052	21930,010	11341,148	-0,394	-3,967
158,000	22571,829	-25725,533	21979,285	11366,659	-0,374	-3,986
158,500	21320,746	-24446,931	22028,672	11392,202	-0,365	-4,000
159,000	20054,393	-23093,766	22078,170	11417,781	-0,337	-4,022
159,500	18677,696	-21665,554	22127,779	11443,390	-0,321	-4,040
160,000	17285,254	-20161,811	22177,499	11469,027	-0,286	-4,066
160,500	15782,972	-18582,049	22227,331	11494,704	-0,262	-4,087
161,000	14264,664	-16925,779	22277,275	11520,414	-0,220	-4,116
161,500	12637,176	-15192,509	22327,331	11546,156	-0,187	-4,141
162,000	11015,782	-13381,745	22377,500	11571,927	-0,129	-4,178
162,500	9284,971	-11492,992	22427,782	11597,732	-0,081	-4,211
163,000	7538,219	-9525,751	22478,176	11623,572	-0,014	-4,252
163,500	5681,934	-7479,523	22528,684	11649,443	0,044	-4,289
164,000	3810,109	-5353,804	22579,305	11675,348	0,121	-4,336
164,500	1828,390	-3148,090	22630,040	11701,283	0,189	-4,378
165,000	-6199,625	-861,874	22680,889	11727,251	-1,521	-3,573

	165,500	-8209,267	1505,354	22731,852	11753,253	-1,413	-3,634
	166,000	-10357,554	3952,152	22771,683	11773,469	-1,323	-3,684
	166,500	-12586,517	6452,659	22720,630	11746,673	-1,244	-3,712
<b>SVARME</b>	166,854	-14203,254	8149,665	22624,628	11696,731	-1,176	-3,320
	167,208	-15851,326	9691,503	22529,033	11647,038	-1,205	-3,290
	167,563	-17531,437	11080,136	22433,840	11597,509	-1,281	-3,237
	167,917	-19243,936	12317,377	22339,050	11548,182	-1,405	-3,162
	168,271	-20989,407	13405,042	22244,662	11499,096	-1,576	-3,064
	168,625	-22767,919	14345,020	22150,671	11450,180	-1,794	-2,945
<b>SVARMA</b>	169,021	-24795,647	15222,990	22046,093	11395,767	-1,773	-2,333
	169,417	-26866,901	15921,234	21942,007	11341,582	-2,060	-2,181
	169,813	-28982,397	16442,203	21838,414	11287,670	-2,393	-2,008
	170,208	-31142,779	16788,378	21735,311	11234,000	-2,771	-1,813
	170,604	-33349,786	16962,202	21632,692	11180,572	-3,195	-1,596
	171,000	-35604,312	16966,081	21530,560	11127,396	-3,665	-1,358
	171,396	-33359,491	16802,417	21428,910	11074,174	-3,233	-1,549
	171,792	-31161,995	16473,568	21327,738	11021,200	-2,845	-1,719
	172,188	-29010,757	15981,902	21227,046	10968,471	-2,501	-1,868
	172,583	-26905,001	15329,737	21126,829	10915,985	-2,200	-1,997
	172,979	-24843,189	14519,356	21027,083	10863,756	-1,941	-2,106
173,375	-22824,903	13553,082	20927,810	10811,750	-1,723	-2,196	
<b>SVARME</b>	173,729	-21054,839	12558,195	20839,382	10765,440	-1,837	-2,699
	174,083	-19317,816	11441,936	20751,331	10719,297	-1,679	-2,759
	174,438	-17613,489	10205,834	20663,650	10673,373	-1,560	-2,801
	174,792	-15942,103	8851,496	20576,339	10627,642	-1,480	-2,824
	175,146	-14302,479	7380,530	20489,399	10582,061	-1,438	-2,829
	175,500	-12694,191	5794,402	20402,824	10536,712	-1,434	-2,816
<b>SCORRE</b>	176,000	-10477,154	3533,085	20357,082	10512,158	-1,550	-3,119
	176,500	-8341,350	1345,069	20311,443	10487,637	-1,567	-3,102
	177,000	-6343,586	-770,104	20265,907	10463,152	-1,603	-3,076
	177,500	1657,807	-2812,892	20220,472	10438,700	0,171	-3,912
	178,000	3626,308	-4783,750	20175,139	10414,284	0,169	-3,903
	178,500	5484,922	-6683,129	20129,908	10389,903	0,155	-3,888
	179,000	7327,990	-8511,483	20084,778	10365,555	0,158	-3,881
	179,500	9061,528	-10269,258	20039,749	10341,243	0,149	-3,868
	180,000	10779,119	-11983,770	20039,749	10340,148	0,150	-3,868
	180,500	12387,298	-13518,936	19867,802	10250,317	0,167	-3,844
	181,000	13999,387	-15129,033	19912,444	10272,214	0,168	-3,853
	181,500	15502,211	-16684,208	19957,187	10294,141	0,153	-3,854
	182,000	16989,005	-18184,068	20002,030	10316,089	0,150	-3,861
	182,500	18365,960	-19628,215	20046,974	10338,058	0,131	-3,861
	183,000	19727,170	-21016,252	20092,019	10360,058	0,124	-3,866
	183,500	20978,031	-22347,778	20137,165	10382,077	0,101	-3,863
	184,000	22213,627	-23622,392	20182,412	10404,121	0,090	-3,867
	184,500	23338,191	-24839,691	20227,762	10426,191	0,063	-3,862
185,000	24448,144	-25999,269	20273,213	10448,286	0,049	-3,864	

185,500	25446,228	-27100,718	20318,766	10470,404	0,019	-3,859
186,000	26430,514	-28143,630	20364,421	10492,542	0,002	-3,859
186,500	27301,954	-29127,594	20410,180	10514,710	-0,031	-3,852
187,000	28160,552	-30052,196	20456,041	10536,899	-0,050	-3,852
187,500	28905,206	-30917,023	20502,005	10559,110	-0,085	-3,844
188,000	29638,096	-31721,657	20548,072	10581,350	-0,105	-3,843
188,500	30255,841	-32465,679	20594,243	10603,610	-0,142	-3,834
189,000	30863,008	-33148,671	20640,517	10625,895	-0,164	-3,833
189,500	31353,742	-33770,208	20686,896	10648,202	-0,203	-3,823
190,000	31835,172	-34329,867	20733,378	10670,534	-0,225	-3,821
190,500	32198,813	-34827,222	20779,966	10692,890	-0,264	-3,811
191,000	32554,497	-35261,845	20826,657	10715,268	-0,287	-3,809
191,500	32790,982	-35633,306	20873,454	10737,670	-0,327	-3,799
192,000	33020,913	-35941,172	20920,356	10760,094	-0,349	-3,797
192,500	33130,202	-36185,010	20967,363	10782,546	-0,389	-3,788
193,000	33234,375	-36364,384	21014,476	10805,014	-0,410	-3,786
193,500	33216,457	-36478,856	21061,695	10827,510	-0,449	-3,777
194,000	33136,448	-36527,987	21109,020	10850,031	-0,487	-3,768
194,500	33049,711	-36511,334	21156,451	10872,569	-0,507	-3,767
195,000	32902,368	-36428,453	21203,989	10895,133	-0,526	-3,767
195,500	32632,933	-36278,900	21251,634	10917,719	-0,561	-3,759
196,000	32356,923	-36062,226	21299,385	10940,332	-0,578	-3,760
196,500	31961,735	-35777,982	21347,244	10962,963	-0,611	-3,754
197,000	31558,572	-35425,715	21395,211	10985,617	-0,625	-3,756
197,500	31037,639	-35004,972	21443,285	11008,297	-0,654	-3,751
198,000	30454,615	-34515,297	21491,468	11030,994	-0,682	-3,747
198,500	29853,758	-33956,232	21539,758	11053,718	-0,693	-3,751
199,000	29203,457	-33327,317	21588,157	11076,466	-0,699	-3,757
199,500	28431,065	-32628,091	21636,665	11099,233	-0,721	-3,756
200,000	27646,901	-31858,088	21685,282	11122,021	-0,724	-3,764
200,500	26748,803	-31016,844	21734,008	11144,834	-0,741	-3,765
201,000	25837,859	-30103,890	21782,843	11167,670	-0,739	-3,775
201,500	24814,073	-29118,755	21831,789	11190,523	-0,750	-3,779
202,000	23776,493	-28060,967	21880,844	11213,404	-0,744	-3,791
202,500	22627,042	-26930,052	21930,010	11236,305	-0,749	-3,798
203,000	21462,989	-25725,533	21979,285	11259,224	-0,736	-3,814
203,500	20187,896	-24446,931	22028,672	11282,171	-0,735	-3,824
204,000	18897,556	-23093,766	22078,170	11305,136	-0,716	-3,842
204,500	17496,849	-21665,554	22127,779	11328,124	-0,707	-3,856
205,000	16080,426	-20161,811	22177,499	11351,134	-0,680	-3,878
205,500	14554,136	-18582,049	22227,331	11374,163	-0,664	-3,895
206,000	13011,855	-16925,779	22277,275	11397,216	-0,630	-3,921
206,500	11361,221	-15192,509	22327,331	11420,286	-0,605	-3,942
207,000	9716,497	-13381,745	22377,500	11443,384	-0,555	-3,976
207,500	7962,314	-11492,992	22427,782	11466,498	-0,514	-4,004
208,000	6192,243	-9525,751	22478,176	11489,636	-0,455	-4,042

	208,500	4312,587	-7479,523	22528,684	11512,795	-0,405	-4,076
	209,000	2417,453	-5353,804	22579,305	11535,973	-0,336	-4,118
	209,500	-5308,640	-3148,090	22630,040	11559,173	-1,980	-3,345
	210,000	-7277,754	-861,874	22680,889	11582,393	-1,885	-3,399
	210,500	-9306,119	1505,354	22731,852	11605,635	-1,784	-3,457
	211,000	-11475,915	3952,152	22771,683	11623,157	-1,701	-3,504
	211,500	-13723,650	6452,659	22720,630	11594,267	-1,628	-3,529
<b>SVARME</b>	211,854	-15353,683	8149,665	22624,628	11543,248	-1,511	-3,161
	212,208	-17015,052	9691,503	22529,033	11492,497	-1,544	-3,129
	212,563	-18708,457	11080,136	22433,840	11441,921	-1,624	-3,074
	212,917	-20434,253	12317,377	22339,050	11391,561	-1,752	-2,997
	213,271	-22193,021	13405,042	22244,662	11341,446	-1,927	-2,897
	213,625	-23984,830	14345,020	22150,671	11291,517	-2,148	-2,776
<b>SVARMA</b>	214,021	-26027,418	15222,990	22046,093	11235,983	-2,063	-2,195
	214,417	-28113,533	15921,234	21942,007	11180,694	-2,353	-2,042
	214,813	-30243,889	16442,203	21838,414	11125,688	-2,689	-1,867
	215,208	-32419,132	16788,378	21735,311	11070,944	-3,071	-1,670
	215,604	-34641,966	16962,202	21632,692	11016,449	-3,498	-1,452
	216,000	-36915,029	16966,081	21530,560	10962,224	-3,972	-1,211
	216,396	-34615,963	16802,417	21428,910	10916,622	-3,527	-1,409
	216,792	-32364,222	16473,568	21327,738	10871,204	-3,127	-1,585
	217,188	-30158,739	15981,902	21227,046	10825,957	-2,770	-1,740
	217,583	-27998,731	15329,737	21126,829	10780,886	-2,455	-1,876
	217,979	-25882,674	14519,356	21027,083	10736,008	-2,183	-1,991
	218,375	-23810,143	13553,082	20927,810	10691,287	-1,953	-2,086
<b>SVARME</b>	218,729	-21991,542	12558,195	20839,382	10651,440	-2,107	-2,570
	219,083	-20205,981	11441,936	20751,331	10611,703	-1,935	-2,637
	219,438	-18453,125	10205,834	20663,650	10572,135	-1,802	-2,686
	219,792	-16733,202	8851,496	20576,339	10532,709	-1,708	-2,716
	220,146	-15045,040	7380,530	20489,399	10493,381	-1,652	-2,727
	220,500	-13388,214	5794,402	20402,824	10454,236	-1,634	-2,721
<b>SCOREE</b>	221,000	-11102,656	3533,085	20357,082	10438,075	-1,758	-3,020
	221,500	-8903,394	1345,069	20311,443	10421,909	-1,754	-3,013
	222,000	-6836,479	-770,104	20265,907	10405,743	-1,767	-2,998
	222,500	-4828,814	-2812,892	20220,472	10389,576	-1,776	-2,985
	223,000	3192,515	-4783,750	20175,139	10373,403	0,027	-3,836
	223,500	5141,789	-6683,129	20129,908	10357,230	0,043	-3,834
	224,000	7075,458	-8511,483	20084,778	10341,055	0,075	-3,841
	224,500	8899,623	-10269,258	20039,749	10324,879	0,096	-3,843
	225,000	10707,805	-11983,770	20039,749	10331,864	0,126	-3,857
	225,500	12406,575	-13515,902	19863,343	10247,814	0,173	-3,846
	226,000	14101,521	-15125,638	19907,976	10277,735	0,202	-3,868
	226,500	15687,078	-16680,464	19952,708	10307,719	0,214	-3,882
	227,000	17256,616	-18179,987	19997,541	10337,759	0,238	-3,902
	227,500	18716,270	-19623,810	20042,475	10367,862	0,246	-3,915
228,000	20160,212	-21011,535	20087,510	10398,026	0,266	-3,933	

228,500	21493,740	-22342,763	20132,646	10428,251	0,270	-3,943
229,000	22812,057	-23617,091	20177,883	10458,537	0,286	-3,960
229,500	24019,256	-24834,117	20223,222	10488,881	0,287	-3,968
230,000	25211,920	-25993,434	20268,663	10519,289	0,300	-3,983
230,500	26292,609	-27094,636	20314,206	10549,760	0,297	-3,990
231,000	27359,595	-28137,314	20359,851	10580,288	0,307	-4,004
231,500	28313,614	-29121,057	20405,599	10610,879	0,302	-4,010
232,000	29254,901	-30045,452	20451,450	10641,532	0,310	-4,023
232,500	30082,109	-30910,084	20497,403	10672,244	0,302	-4,028
233,000	30897,679	-31714,538	20543,460	10703,021	0,309	-4,039
233,500	31597,957	-32458,393	20589,621	10733,856	0,299	-4,044
234,000	32287,795	-33141,231	20635,885	10764,755	0,304	-4,055
234,500	32861,044	-33762,629	20682,253	10795,715	0,293	-4,058
235,000	33425,137	-34322,163	20728,725	10826,737	0,298	-4,069
235,500	33871,280	-34819,406	20775,302	10857,821	0,286	-4,073
236,000	34309,618	-35253,932	20821,984	10888,967	0,290	-4,084
236,500	34628,597	-35625,309	20868,770	10920,173	0,278	-4,087
237,000	34941,175	-35933,106	20915,661	10951,444	0,283	-4,098
237,500	35132,954	-36176,889	20962,658	10982,774	0,271	-4,101
238,000	35319,767	-36356,223	21009,760	11014,168	0,276	-4,112
238,500	35384,490	-36470,669	21056,969	11045,624	0,265	-4,116
239,000	35445,379	-36519,789	21104,283	11077,143	0,271	-4,128
239,500	35384,337	-36503,140	21151,703	11108,724	0,262	-4,132
240,000	35318,019	-36420,278	21199,231	11140,367	0,270	-4,145
240,500	35131,214	-36270,758	21246,864	11172,071	0,262	-4,151
241,000	34937,716	-36054,133	21294,605	11203,842	0,272	-4,164
241,500	34625,155	-35769,952	21342,454	11235,671	0,267	-4,171
242,000	34304,527	-35417,765	21390,409	11267,565	0,280	-4,186
242,500	33866,217	-34997,116	21438,473	11299,521	0,278	-4,194
243,000	33418,530	-34507,551	21486,644	11331,538	0,294	-4,211
243,500	32854,483	-33948,612	21534,924	11363,623	0,296	-4,221
244,000	32279,828	-33319,838	21583,312	11395,768	0,315	-4,240
244,500	31590,057	-32620,768	21631,809	11427,975	0,321	-4,252
245,000	30888,545	-31850,939	21680,415	11460,246	0,345	-4,272
245,500	30073,069	-31009,883	21729,130	11492,583	0,356	-4,287
246,000	29244,834	-30097,134	21777,955	11524,979	0,385	-4,310
246,500	28303,672	-29112,220	21826,889	11557,440	0,401	-4,327
247,000	27348,866	-28054,669	21875,934	11589,962	0,435	-4,352
247,500	26282,042	-26924,008	21925,088	11622,553	0,457	-4,372
248,000	25200,839	-25719,759	21974,353	11655,204	0,498	-4,401
248,500	24008,379	-24441,444	22023,729	11687,917	0,526	-4,424
249,000	22800,974	-23088,583	22073,215	11720,696	0,573	-4,455
249,500	21482,907	-21660,692	22122,813	11753,541	0,609	-4,482
250,000	20149,516	-20157,286	22172,522	11786,445	0,663	-4,517
250,500	18705,874	-18577,879	22222,343	11819,415	0,707	-4,547
251,000	17246,733	-16921,980	22272,276	11852,447	0,769	-4,586

	251,500	15690,718	-15189,099	22322,321	11885,547	0,825	-4,623
	252,000	14129,652	-13378,742	22372,478	11918,710	0,903	-4,669
	252,500	12458,535	-11490,413	22422,748	11951,934	0,971	-4,711
	253,000	10772,254	-9523,614	22473,132	11985,224	1,058	-4,762
	253,500	8975,676	-7477,844	22523,628	12018,581	1,136	-4,809
	254,000	7164,478	-5352,603	22574,238	12051,997	1,233	-4,865
	254,500	5242,483	-3147,383	22624,961	12085,481	1,321	-4,916
	255,000	3306,688	-861,680	22675,799	12119,026	1,429	-4,977
	255,500	1281,281	1505,016	22726,750	12152,638	1,534	-5,037
	256,000	-6798,716	3951,265	22766,572	12180,302	-0,141	-4,246
	256,500	-8969,772	6451,211	22715,531	12159,319	-0,043	-4,283
<b>SVARME</b>	256,854	-10545,492	8147,836	22619,550	12112,378	-0,127	-3,819
	257,208	-12152,547	9689,328	22523,977	12065,656	-0,145	-3,794
	257,563	-13791,631	11077,649	22428,806	12019,061	-0,210	-3,747
	257,917	-15463,114	12314,613	22334,036	11972,640	-0,323	-3,677
	258,271	-17167,568	13402,034	22239,670	11926,426	-0,483	-3,585
	258,625	-18905,064	14341,801	22145,700	11880,348	-0,689	-3,470
<b>SVARMA</b>	259,021	-20886,946	15219,574	22041,146	11829,073	-0,870	-2,763
	259,417	-22912,355	15917,661	21937,083	11777,987	-1,147	-2,616
	259,813	-24990,726	16438,513	21833,514	11727,132	-1,471	-2,446
	260,208	-27123,665	16784,611	21730,433	11676,483	-1,843	-2,254
	260,604	-29310,047	16958,395	21627,837	11626,038	-2,263	-2,040
	261,000	-31544,298	16962,274	21525,728	11575,805	-2,727	-1,804
	261,396	-29405,182	16798,646	21424,101	11394,906	-2,344	-1,972
	261,792	-27313,393	16469,871	21322,952	11215,452	-2,004	-2,119
	262,188	-25267,860	15978,315	21222,282	11037,427	-1,708	-2,245
	262,583	-23267,778	15326,297	21122,088	10860,823	-1,455	-2,352
	262,979	-21311,672	14516,097	21022,364	10685,649	-1,243	-2,438
263,375	-19399,092	13550,041	20923,113	10511,862	-1,073	-2,505	
<b>SVARME</b>	263,729	-17723,598	12555,377	20834,706	10357,566	-1,085	-3,057
	264,083	-16081,143	11439,368	20746,674	10204,353	-0,978	-3,092
	264,438	-14471,418	10203,544	20659,012	10052,271	-0,911	-3,109
	264,792	-12894,600	8849,510	20571,721	9901,291	-0,882	-3,108
	265,146	-11358,915	7378,873	20484,801	9751,363	-0,894	-3,088
	265,500	-9867,915	5793,102	20398,245	9602,560	-0,947	-3,048
<b>SCORE</b>	265,950	-8068,858	3755,067	20357,082	9446,708	-1,083	-3,341
	266,400	-6317,794	1776,431	20316,003	9291,432	-1,192	-3,281
	266,850	1617,376	-143,142	20275,006	9136,725	0,559	-4,108
	267,300	3281,665	-2003,984	20234,092	8982,585	0,460	-4,053
	267,750	4904,182	-3806,430	20193,260	8829,012	0,366	-4,000
	268,200	6476,145	-5550,808	20152,511	8676,007	0,274	-3,949
	268,650	7988,434	-7237,448	20111,844	8523,562	0,182	-3,897
	269,100	9467,743	-8866,679	20071,259	8371,680	0,097	-3,849
	269,550	10869,740	-10438,828	20030,756	8220,360	0,007	-3,798
	270,000	12256,260	-11978,392	20030,756	8085,911	-0,079	-3,758
270,450	13551,790	-14837,903	22069,047	8760,571	-0,606	-3,893	

270,900	14831,870	-16456,109	22113,671	8629,820	-0,751	-3,832
271,350	16034,319	-18024,961	22158,386	8498,483	-0,905	-3,767
271,800	17203,748	-19544,137	22203,191	8366,560	-1,054	-3,705
272,250	18313,080	-21013,318	22248,087	8234,048	-1,207	-3,641
272,700	19371,543	-22432,182	22293,073	8100,946	-1,359	-3,576
273,150	20387,900	-23800,406	22338,151	7967,252	-1,510	-3,513
273,600	21334,920	-25117,666	22383,320	7832,964	-1,666	-3,447
274,050	22258,608	-26383,635	22428,580	7698,083	-1,814	-3,385
274,500	23093,554	-27597,987	22473,931	7562,601	-1,973	-3,318
274,950	23919,800	-28760,394	22519,374	7426,520	-2,120	-3,257
275,400	24656,148	-29870,524	22564,909	7289,838	-2,278	-3,190
275,850	25370,809	-30928,049	22610,537	7152,552	-2,426	-3,128
276,300	26014,051	-31932,633	22656,256	7014,660	-2,581	-3,063
276,750	26616,434	-32883,945	22702,068	6876,164	-2,732	-3,000
277,200	27167,116	-33781,649	22747,972	6737,055	-2,883	-2,937
277,650	27656,393	-34625,408	22793,970	6597,336	-3,036	-2,873
278,100	28115,203	-35414,884	22840,060	6457,004	-3,182	-2,812
278,550	28490,417	-36149,737	22886,244	6316,056	-3,337	-2,746
279,000	28858,175	-36829,628	22932,521	6174,492	-3,478	-2,688
279,450	29123,550	-37454,214	22978,891	6032,308	-3,634	-2,623
279,900	29383,308	-38023,151	23025,355	5889,506	-3,774	-2,565
280,350	29556,382	-38536,094	23071,914	5746,079	-3,924	-2,502
280,800	29702,030	-38992,698	23118,566	5602,026	-4,066	-2,443
281,250	29784,892	-39392,614	23165,313	5457,347	-4,209	-2,384
281,700	29815,668	-39735,494	23212,154	5312,039	-4,352	-2,325
282,150	29806,690	-40020,986	23259,090	5166,100	-4,489	-2,269
282,600	29723,628	-40248,738	23306,121	5019,530	-4,631	-2,210
283,050	29621,563	-40418,398	23353,247	4872,323	-4,762	-2,156
283,500	29425,804	-40529,610	23400,468	4724,480	-4,904	-2,098
284,000	29198,510	-40555,854	23447,785	4558,459	-5,035	-2,044
284,500	28857,883	-40506,054	23515,898	4395,636	-5,179	-1,989
285,000	28501,291	-40236,037	23521,356	4220,568	-5,257	-1,952
285,500	28034,561	-39729,444	23453,226	4032,782	-5,292	-1,922
286,000	27548,511	-39114,327	23385,295	3846,069	-5,301	-1,906
286,500	26955,655	-38391,642	23317,559	3660,422	-5,309	-1,889
287,000	26339,999	-37562,338	23250,021	3475,836	-5,292	-1,884
287,500	25620,996	-36627,358	23182,677	3292,307	-5,273	-1,880
288,000	24875,598	-35587,641	23115,529	3109,830	-5,231	-1,888
288,500	24030,431	-34444,120	23048,575	2928,401	-5,188	-1,896
289,000	23155,169	-33197,721	22981,815	2748,015	-5,122	-1,914
289,500	22183,821	-31849,367	22915,249	2568,667	-5,055	-1,934
290,000	21178,586	-30399,974	22848,875	2390,351	-4,967	-1,963
290,500	20081,042	-28850,454	22782,694	2213,067	-4,877	-1,993
291,000	18945,737	-27201,711	22716,704	2036,807	-4,768	-2,033
291,500	17721,984	-25454,647	22650,906	1861,567	-4,656	-2,074
292,000	16456,526	-23610,156	22585,298	1687,344	-4,527	-2,123

	292,500	15106,552	-21669,129	22519,880	1514,131	-4,394	-2,174
<b>SVARME</b>	292,854	14124,029	-20192,237	22424,726	1389,004	-3,810	-2,031
	293,208	13102,503	-18674,244	22329,976	1264,957	-3,703	-2,066
	293,563	12045,130	-17115,664	22235,624	1141,901	-3,595	-2,101
	293,917	10962,526	-15517,132	22141,671	1019,871	-3,482	-2,139
	294,271	9839,152	-13879,285	22048,117	898,903	-3,370	-2,176
	294,625	8680,349	-12202,611	21954,956	778,905	-3,257	-2,214
<b>SVARMA</b>	295,021	7345,242	-10283,537	21851,303	646,011	-2,610	-1,906
	295,417	5966,609	-8317,494	21748,136	514,319	-2,505	-1,941
	295,813	4543,734	-6305,374	21645,459	383,914	-2,400	-1,977
	296,208	3075,959	-4247,911	21543,267	254,742	-2,294	-2,012
	296,604	1561,642	-2145,829	21441,554	126,737	-2,189	-2,048
	297,000	0,000	0,000	21441,554	0,000	-2,093	-2,093

**Anexo E – Estado limite de descompressão (Longo prazo)**

Secção	$A_c$ [m <sup>2</sup> ]	$I_c$ [m <sup>4</sup> ]	$V_{sup}$ [m]	$V_{inf}$ [m]	$f_{ctm}$ [MPa]
<b>Secção corrente (SCORRE)</b>	7,792	6,821	0,968	2,032	3,200
<b>Secção var. menor (SVARME)</b>	8,608	7,893			
<b>Secção var. maior (SVARMA)</b>	10,243	9,767			

	Posição (x)	$M_{QP}$ [kN.m]	$M_{PE,iso,\infty}$ [kN.m]	$P_\infty$ [kN]	$M_{PE,hip,\infty}$ [kN.m]	$\sigma_{inf}$ [MPa]	$\sigma_{sup}$ [MPa]
<b>SVARMA</b>	0,000	0,000	0,000	19474,104	0,000	-1,901	-1,901
	0,396	1449,126	-1706,602	19518,875	144,376	-1,929	-1,894
	0,792	2850,926	-3371,995	19563,748	289,620	-1,958	-1,887
	1,188	4204,141	-4996,493	19608,726	435,724	-1,989	-1,879
	1,583	5510,000	-6580,392	19653,807	582,791	-2,020	-1,871
	1,979	6774,482	-8123,815	19698,991	730,914	-2,052	-1,862
	2,375	7987,709	-9626,711	19744,280	880,065	-2,086	-1,852
<b>SVARME</b>	2,729	9038,509	-10880,865	19789,672	1010,899	-2,513	-2,197
	3,083	10057,983	-12154,588	19830,375	1145,963	-2,549	-2,187
	3,438	11036,919	-13396,329	19871,161	1282,068	-2,586	-2,176
	3,792	11990,160	-14605,447	19912,031	1419,161	-2,621	-2,167
	4,146	12907,786	-15781,653	19952,986	1557,234	-2,657	-2,157
	4,500	13786,409	-16924,639	19994,024	1696,358	-2,694	-2,146
<b>SCORRE N</b>	5,000	14987,209	-18425,492	20035,147	1890,591	-3,032	-2,352
	5,500	16105,735	-19913,376	20093,347	2090,853	-3,090	-2,335
	6,000	17182,557	-21329,844	20151,716	2292,986	-3,139	-2,323
	6,500	18170,930	-22674,988	20210,255	2497,134	-3,192	-2,309
	7,000	19121,543	-23944,041	20268,964	2702,914	-3,233	-2,300
	7,500	19979,846	-25137,978	20327,843	2910,558	-3,278	-2,290
	8,000	20804,263	-26251,031	20386,893	3119,531	-3,310	-2,286
	8,500	21532,593	-27285,294	20446,115	3330,193	-3,346	-2,280
	9,000	22230,828	-28234,015	20505,509	3541,835	-3,365	-2,282
	9,500	22829,294	-29100,555	20565,075	3754,979	-3,389	-2,282
	10,000	23401,365	-29877,224	20624,815	3968,729	-3,394	-2,291
	10,500	23870,090	-30568,715	20684,728	4183,784	-3,404	-2,298
	11,000	24316,014	-31166,473	20744,815	4399,057	-3,393	-2,314
	11,500	24655,132	-31676,521	20805,076	4615,445	-3,387	-2,329
	12,000	24974,931	-32089,543	20865,513	4831,654	-3,358	-2,354
	12,500	25184,591	-32412,827	20926,125	5048,804	-3,335	-2,376
	13,000	25378,286	-32636,442	20986,913	5265,385	-3,287	-2,411
	13,500	25458,649	-32768,819	21047,878	5482,749	-3,246	-2,442
13,950	25522,170	-32826,536	21109,020	5679,791	-3,193	-2,478	
14,400	25491,996	-32804,519	21151,703	5872,052	-3,144	-2,510	
14,850	25442,819	-32729,395	21194,473	6063,934	-3,084	-2,546	

	15,300	25319,559	-32606,288	21237,329	6256,367	-3,032	-2,579
	15,750	25156,545	-32431,822	21280,272	6448,724	-2,977	-2,614
	16,200	24941,444	-32207,075	21323,301	6641,205	-2,923	-2,648
	16,650	24663,557	-31932,936	21366,418	6834,002	-2,872	-2,680
	17,100	24358,245	-31606,166	21409,622	7026,421	-2,814	-2,716
	17,550	23966,249	-31231,988	21452,913	7219,610	-2,767	-2,747
	18,000	23568,635	-30803,341	21496,292	7411,961	-2,706	-2,784
	18,450	23068,639	-30328,453	21539,758	7605,418	-2,661	-2,813
	18,900	22561,186	-29799,460	21583,312	7798,059	-2,603	-2,849
	19,350	21970,137	-29222,555	21626,955	7991,459	-2,555	-2,880
	19,800	21348,622	-28593,625	21670,685	8184,540	-2,501	-2,914
	20,250	20665,701	-27915,090	21714,504	8377,975	-2,451	-2,947
	20,700	19931,080	-27186,279	21758,412	8571,599	-2,400	-2,979
	21,150	19155,599	-26406,588	21802,408	8765,234	-2,347	-3,013
	21,600	18308,700	-25578,016	21846,494	8959,574	-2,300	-3,044
	22,050	17440,113	-24697,666	21890,668	9153,665	-2,244	-3,078
	22,500	16454,739	-23770,831	21934,932	9349,533	-2,209	-3,104
	22,950	15514,445	-22789,117	21979,285	9544,006	-2,145	-3,143
	23,400	14458,517	-21760,673	22023,729	9740,433	-2,100	-3,172
	23,850	13379,260	-20681,087	22068,261	9937,120	-2,047	-3,206
	24,300	12230,664	-19552,268	22112,884	10135,108	-2,000	-3,237
	24,750	11039,963	-18373,042	22157,598	10334,062	-1,950	-3,269
	25,200	9798,392	-17143,582	22202,401	10534,347	-1,899	-3,302
	25,650	8496,724	-15863,853	22247,295	10736,333	-1,851	-3,333
	26,100	7162,037	-14532,869	22292,280	10939,837	-1,798	-3,367
	26,550	5749,719	-13151,081	22337,356	11145,799	-1,751	-3,398
	27,000	4321,950	-11716,830	22382,523	11353,648	-1,693	-3,434
	27,450	-3470,704	-10230,447	22427,782	11564,677	-3,515	-2,575
	27,900	-5018,054	-8690,154	22473,132	11778,344	-3,459	-2,610
	28,350	-6613,398	-7095,426	22518,573	11995,673	-3,400	-2,647
	28,800	-8256,734	-5444,682	22564,107	12216,649	-3,338	-2,685
	29,250	-9948,064	-3744,609	22609,732	12468,734	-3,266	-2,728
	29,700	-11687,387	-1971,484	22655,450	12686,080	-3,197	-2,769
	30,150	-13474,703	-140,862	22701,260	12907,782	-3,124	-2,813
	30,600	-15310,012	1749,182	22747,163	13134,330	-3,046	-2,859
	31,050	-17193,314	3700,932	22776,794	13366,530	-2,961	-2,905
	31,500	-19124,610	5699,629	22730,831	13563,543	-2,876	-2,937
<b>SVARME</b>	31,854	-20703,819	7245,763	22634,786	13734,420	-2,558	-2,663
	32,208	-22343,404	8618,690	22539,149	13831,496	-2,591	-2,632
	32,563	-24024,364	9854,454	22443,913	13925,343	-2,670	-2,577
	32,917	-25737,747	10953,425	22349,080	14015,167	-2,794	-2,502
	33,271	-27484,102	11915,964	22254,650	14100,237	-2,963	-2,405
	33,625	-29263,497	12742,664	22160,616	14179,903	-3,177	-2,287
<b>SVARMA</b>	34,021	-31262,958	13589,148	22055,992	14325,933	-2,850	-1,822
	34,417	-33334,848	14192,906	21951,859	14403,954	-3,129	-1,674
	34,813	-35450,979	14632,058	21848,220	14475,453	-3,453	-1,504

	35,208	-37612,029	14909,329	21745,070	14540,509	-3,821	-1,314
	35,604	-39819,603	15027,918	21642,405	14599,406	-4,233	-1,103
	36,000	-42074,501	14991,506	21540,227	14652,688	-4,689	-0,871
	36,396	-39797,809	14870,259	21438,532	14588,202	-4,244	-1,068
	36,792	-37568,983	14598,820	21337,314	14520,635	-3,841	-1,246
	37,188	-35393,286	14178,199	21236,576	14449,331	-3,481	-1,403
	37,583	-33272,788	13609,916	21136,315	14373,896	-3,164	-1,539
	37,979	-31204,937	12896,014	21036,523	14294,206	-2,889	-1,656
	38,375	-29180,612	12039,104	20937,206	14210,351	-2,654	-1,754
<b>SVARME</b>	38,729	-27436,420	11087,124	20848,739	14070,174	-3,009	-2,143
	39,083	-25694,034	10097,523	20760,648	13989,130	-2,826	-2,215
	39,438	-23984,353	9000,573	20672,928	13904,798	-2,679	-2,269
	39,792	-22307,604	7799,083	20585,577	13817,736	-2,569	-2,307
	40,146	-20662,617	6495,913	20498,598	13728,653	-2,494	-2,328
	40,500	-19048,966	5093,712	20411,985	13638,500	-2,453	-2,333
<b>SCORRE</b>	41,000	-16842,649	3082,930	20366,223	13497,943	-2,692	-2,577
	41,500	-14680,170	1172,271	20320,563	13429,579	-2,631	-2,597
	42,000	-12653,641	-670,486	20275,006	13364,053	-2,590	-2,608
	42,500	-10708,322	-2447,029	20229,551	13301,513	-2,553	-2,617
	43,000	-8822,253	-4146,392	20184,197	13201,780	-2,521	-2,623
	43,500	-6995,436	-5782,872	20138,946	13128,284	-2,480	-2,634
	44,000	-5227,869	-7353,420	20093,796	13056,907	-2,437	-2,646
	44,500	-3519,553	-8859,898	20048,747	12988,406	-2,392	-2,659
	45,000	4513,837	-10301,935	20048,747	12920,356	-0,448	-3,585
	45,500	6128,418	-11716,365	19867,802	12892,533	-0,374	-3,586
	46,000	7737,948	-12933,998	19912,444	12725,169	-0,312	-3,624
	46,500	9250,603	-14259,493	19957,187	12728,953	-0,261	-3,657
	47,000	10747,761	-15537,588	20002,030	12733,186	-0,201	-3,694
	47,500	12134,666	-16770,825	20046,974	12739,920	-0,159	-3,723
	48,000	13506,248	-17956,160	20092,019	12746,704	-0,107	-3,756
	48,500	14767,167	-19096,837	20137,165	12755,912	-0,074	-3,780
	49,000	16013,142	-20188,785	20182,412	12764,789	-0,031	-3,809
	49,500	17147,860	-21236,017	20227,762	12776,008	-0,008	-3,829
	50,000	18268,199	-22233,429	20273,213	12786,532	0,026	-3,854
	50,500	19276,520	-23185,850	20318,766	12799,319	0,041	-3,869
	51,000	20271,196	-24087,157	20364,421	12811,069	0,066	-3,890
	51,500	21152,946	-24943,018	20410,180	12825,009	0,072	-3,902
	52,000	22021,937	-25746,324	20456,041	12837,597	0,090	-3,919
	52,500	22776,964	-26503,592	20502,005	12852,314	0,087	-3,926
53,000	23520,249	-27206,772	20548,072	12865,390	0,097	-3,940	
53,500	24148,419	-27863,212	20594,243	12880,542	0,088	-3,944	
54,000	24765,981	-28463,988	20640,517	12893,793	0,091	-3,954	
54,500	25267,183	-29017,241	20686,896	12909,076	0,074	-3,955	
55,000	25759,007	-29513,249	20733,378	12922,228	0,070	-3,962	
55,500	26133,150	-29960,899	20779,966	12937,376	0,047	-3,960	
56,000	26499,226	-30349,754	20826,657	12950,190	0,038	-3,964	

	56,500	26746,239	-30689,377	20873,454	12964,975	0,009	-3,959
	57,000	26986,558	-30968,725	20920,356	12977,247	-0,005	-3,961
	57,500	27106,391	-31197,941	20967,363	12991,474	-0,039	-3,954
	58,000	27220,948	-31365,498	21014,476	13003,038	-0,058	-3,954
	58,500	27213,574	-31482,012	21061,695	13016,549	-0,097	-3,944
	59,000	27202,366	-31535,603	21109,020	13027,277	-0,119	-3,943
	59,500	27069,067	-31537,114	21156,451	13039,895	-0,161	-3,932
	60,000	26930,803	-31474,830	21203,989	13049,744	-0,187	-3,928
	60,500	26671,740	-31359,295	21251,634	13061,379	-0,233	-3,916
	61,000	26406,275	-31179,276	21299,385	13070,305	-0,262	-3,911
	61,500	26021,452	-30944,847	21347,244	13080,912	-0,309	-3,897
	62,000	25628,824	-30645,392	21395,211	13088,905	-0,341	-3,891
	62,500	25118,246	-30290,408	21443,285	13098,490	-0,391	-3,877
	63,000	24598,511	-29870,001	21491,468	13105,588	-0,424	-3,870
	63,500	23962,188	-29392,997	21539,758	13114,211	-0,475	-3,855
	64,000	23315,425	-28850,309	21588,157	13120,509	-0,511	-3,847
	64,500	22553,370	-28250,008	21636,665	13128,288	-0,563	-3,831
	65,000	21779,676	-27583,877	21685,282	13133,947	-0,599	-3,823
	65,500	20891,904	-26859,165	21734,008	13141,075	-0,652	-3,807
	66,000	19991,400	-26068,564	21782,843	13146,334	-0,690	-3,799
	66,500	18977,929	-25218,442	21831,789	13153,086	-0,742	-3,783
	67,000	17950,754	-24302,418	21880,844	13158,272	-0,780	-3,774
	67,500	16811,605	-23325,930	21930,010	13165,015	-0,833	-3,758
	68,000	15657,920	-22283,509	21979,285	13170,560	-0,871	-3,750
	68,500	14393,118	-21179,622	22028,672	13177,775	-0,923	-3,734
	69,000	13113,106	-20009,673	22078,170	13184,221	-0,960	-3,726
	69,500	11722,678	-18777,125	22127,779	13192,506	-1,011	-3,711
	70,000	10316,539	-17478,175	22177,499	13200,523	-1,047	-3,703
	70,500	8800,515	-16115,260	22227,331	13210,601	-1,096	-3,689
	71,000	7268,473	-14685,259	22277,275	13220,985	-1,130	-3,683
	71,500	5627,042	-13189,563	22327,331	13233,708	-1,176	-3,670
	72,000	3981,787	-11625,428	22377,500	13247,205	-1,202	-3,667
	72,500	-4063,165	-9993,446	22427,782	13263,419	-3,115	-2,766
	73,000	-5780,313	-8291,354	22478,176	13281,355	-3,120	-2,773
	73,500	-7556,711	-6518,476	22528,684	13302,367	-3,121	-2,782
	74,000	-9392,359	-4672,650	22579,305	13325,876	-3,118	-2,793
	74,500	-11287,259	-2756,445	22630,040	13373,132	-3,104	-2,809
	75,000	-13241,409	-755,288	22680,889	13388,554	-3,092	-2,824
	75,500	-15254,810	1320,685	22731,852	13407,764	-3,074	-2,843
	76,000	-17400,557	3474,021	22771,683	13431,022	-3,070	-2,852
	76,500	-19632,600	5707,978	22720,630	13459,558	-3,054	-2,850
<b>SVARME</b>	76,854	-21230,681	7268,755	22624,628	13485,479	-2,751	-2,570
	77,208	-22880,911	8666,296	22529,033	13444,614	-2,816	-2,523
	77,563	-24563,171	9909,359	22433,840	13370,998	-2,936	-2,449
	77,917	-26277,828	11014,465	22339,050	13294,287	-3,102	-2,354
	78,271	-28025,457	11981,881	22244,662	13213,967	-3,313	-2,237

	78,625	-29806,127	12812,168	22150,671	13129,628	-3,568	-2,099
<b>SVARMA</b>	79,021	-31800,043	13658,412	22046,093	13091,549	-3,203	-1,652
	79,417	-33873,657	14271,503	21942,007	12997,208	-3,516	-1,488
	79,813	-35991,514	14711,000	21838,414	12891,542	-3,877	-1,301
	80,208	-38154,264	14987,410	21735,311	12782,175	-4,283	-1,093
	80,604	-40363,562	15104,093	21632,692	12669,573	-4,731	-0,864
	81,000	-42620,186	15064,898	21530,560	12554,395	-5,223	-0,615
	81,396	-40358,421	14942,647	21428,910	12519,618	-4,775	-0,814
	81,792	-38146,886	14669,474	21327,738	12482,055	-4,370	-0,993
	82,188	-35982,644	14246,534	21227,046	12441,236	-4,006	-1,151
	82,583	-33863,885	13675,402	21126,829	12396,849	-3,684	-1,290
	82,979	-31789,069	12958,099	21027,083	12348,755	-3,401	-1,410
83,375	-29757,779	12097,122	20927,810	12296,901	-3,159	-1,512	
<b>SVARME</b>	83,729	-28012,480	11140,810	20839,382	12188,839	-3,627	-1,847
	84,083	-26263,813	10140,755	20751,331	12130,071	-3,439	-1,921
	84,438	-24547,843	9039,196	20663,650	12075,200	-3,284	-1,980
	84,792	-22864,813	7832,637	20576,339	12017,790	-3,166	-2,021
	85,146	-21213,546	6523,937	20489,399	11958,438	-3,083	-2,045
	85,500	-19593,614	5115,750	20402,824	11897,965	-3,034	-2,054
<b>SCORRE</b>	86,000	-17381,204	3096,368	20357,082	11798,072	-3,353	-2,260
	86,500	-15225,662	1174,705	20311,443	11736,662	-3,296	-2,278
	87,000	-13211,550	-671,889	20265,907	11704,567	-3,250	-2,292
	87,500	-11256,690	-2452,191	20220,472	11674,941	-3,201	-2,306
	88,000	-9361,080	-4155,924	20175,139	11614,433	-3,156	-2,319
	88,500	-7524,721	-5796,626	20129,908	11575,473	-3,103	-2,336
	89,000	-5747,613	-7371,454	20084,778	11538,117	-3,049	-2,353
	89,500	-4029,755	-8882,222	20039,749	11503,033	-2,992	-2,372
	90,000	3697,178	-10328,545	20039,749	11468,120	-1,131	-3,258
	90,500	5327,648	-11716,402	19867,802	11438,570	-1,045	-3,266
	91,000	6964,029	-13071,939	19912,444	11435,066	-0,968	-3,311
	91,500	8492,057	-14230,834	19957,187	11319,403	-0,899	-3,353
	92,000	10004,093	-15506,961	20002,030	11348,084	-0,826	-3,396
	92,500	11406,263	-16738,335	20046,974	11379,042	-0,771	-3,431
	93,000	12792,716	-17921,920	20092,019	11410,114	-0,707	-3,470
	93,500	14068,802	-19060,921	20137,165	11443,424	-0,662	-3,500
	94,000	15329,641	-20151,280	20182,412	11476,515	-0,608	-3,535
	94,500	16479,440	-21196,976	20227,762	11511,793	-0,572	-3,560
	95,000	17614,638	-22192,918	20273,213	11546,537	-0,526	-3,591
	95,500	18637,965	-23143,907	20318,766	11583,417	-0,499	-3,612
	96,000	19647,497	-24043,833	20364,421	11619,459	-0,462	-3,639
96,500	20544,187	-24898,346	20410,180	11657,595	-0,444	-3,656	
97,000	21428,032	-25700,345	20456,041	11694,610	-0,414	-3,679	
97,500	22197,942	-26456,337	20502,005	11733,677	-0,404	-3,692	
98,000	22956,080	-27158,276	20548,072	11771,361	-0,382	-3,711	
98,500	23599,087	-27813,510	20594,243	11811,066	-0,380	-3,721	
99,000	24231,502	-28413,111	20640,517	11849,148	-0,365	-3,737	

	99,500	24747,501	-28965,231	20686,896	11889,225	-0,369	-3,744
	100,000	25254,181	-29460,139	20733,378	11927,460	-0,361	-3,757
	100,500	25643,090	-29906,738	20779,966	11967,673	-0,372	-3,760
	101,000	26024,024	-30294,579	20826,657	12005,846	-0,368	-3,771
	101,500	26285,781	-30633,247	20873,454	12045,987	-0,385	-3,771
	102,000	26540,962	-30911,682	20920,356	12083,914	-0,387	-3,779
	102,500	26675,523	-31140,056	20967,363	12123,804	-0,409	-3,778
	103,000	26804,946	-31306,821	21014,476	12161,330	-0,415	-3,784
	103,500	26812,290	-31422,624	21061,695	12200,817	-0,442	-3,780
	104,000	26815,954	-31475,566	21109,020	12237,820	-0,451	-3,785
	104,500	26697,528	-31476,504	21156,451	12276,732	-0,481	-3,779
	105,000	26573,986	-31413,749	21203,989	12313,172	-0,495	-3,782
	105,500	26329,801	-31297,821	21251,634	12351,425	-0,528	-3,775
	106,000	26079,062	-31117,520	21299,385	12387,248	-0,544	-3,776
	106,500	25709,124	-30882,900	21347,244	12424,794	-0,579	-3,769
	107,000	25331,230	-30583,379	21395,211	12459,986	-0,598	-3,769
	107,500	24835,546	-30228,435	21443,285	12496,821	-0,636	-3,760
	108,000	24330,558	-29808,206	21491,468	12531,412	-0,657	-3,759
	108,500	23709,138	-29331,501	21539,758	12567,588	-0,695	-3,750
	109,000	23077,139	-28789,263	21588,157	12601,665	-0,718	-3,748
	109,500	22329,996	-28189,549	21636,665	12637,289	-0,758	-3,739
	110,000	21571,088	-27524,169	21685,282	12671,002	-0,782	-3,736
	110,500	20698,237	-26800,362	21734,008	12706,259	-0,822	-3,726
	111,000	19812,542	-26010,846	21782,843	12739,837	-0,847	-3,724
	111,500	18814,003	-25161,978	21831,789	12774,992	-0,887	-3,714
	112,000	17801,665	-24247,401	21880,844	12808,758	-0,912	-3,711
	112,500	16677,459	-23272,546	21930,010	12844,174	-0,953	-3,701
	113,000	15538,641	-22231,963	21979,285	12878,556	-0,978	-3,699
	113,500	14288,792	-21130,118	22028,672	12914,712	-1,018	-3,689
	114,000	13023,677	-19962,428	22078,170	12950,258	-1,043	-3,687
	114,500	11648,213	-18732,357	22127,779	12987,763	-1,081	-3,678
	115,000	10257,005	-17436,112	22177,499	13025,156	-1,105	-3,676
	115,500	8755,957	-16076,132	22227,331	13064,751	-1,141	-3,668
	116,000	7238,880	-14649,303	22277,275	13104,817	-1,163	-3,667
	116,500	5612,536	-13157,015	22327,331	13147,382	-1,196	-3,661
	117,000	3990,104	-11596,432	22377,500	13190,799	-1,208	-3,664
	117,500	-4038,076	-9968,300	22427,782	13237,153	-3,107	-2,769
	118,000	-5753,839	-8270,342	22478,176	13285,483	-3,105	-2,780
	118,500	-7528,854	-6501,872	22528,684	13337,157	-3,098	-2,793
	119,000	-9363,119	-4660,711	22579,305	13391,624	-3,086	-2,808
	119,500	-11256,634	-2749,471	22630,040	13470,685	-3,064	-2,828
	120,000	-13209,401	-753,366	22680,889	13517,404	-3,043	-2,848
	120,500	-15221,418	1317,300	22731,852	13568,117	-3,017	-2,870
	121,000	-17371,476	3465,040	22771,683	13623,088	-3,007	-2,882
	121,500	-19602,766	5693,087	22720,630	13683,636	-2,983	-2,884
<b>SVARME</b>	121,854	-21209,297	7272,219	22624,628	13774,300	-2,670	-2,608

	122,208	-22859,023	8687,391	22529,033	13782,226	-2,718	-2,570
	122,563	-24540,785	9955,595	22433,840	13760,066	-2,819	-2,505
	122,917	-26254,938	11065,655	22339,050	13703,594	-2,978	-2,413
	123,271	-28002,062	12037,376	22244,662	13643,228	-3,182	-2,300
	123,625	-29782,227	12871,331	22150,671	13578,524	-3,431	-2,165
<b>SVARMA</b>	124,021	-31776,351	13721,494	22046,093	13562,371	-3,087	-1,707
	124,417	-33849,462	14337,316	21942,007	13489,569	-3,395	-1,545
	124,813	-35966,815	14787,084	21838,414	13412,279	-3,748	-1,362
	125,208	-38129,054	15064,927	21735,311	13323,278	-4,149	-1,157
	125,604	-40337,849	15182,260	21632,692	13230,592	-4,593	-0,930
	126,000	-42593,969	15142,958	21530,560	13134,891	-5,080	-0,683
	126,396	-40370,774	15019,988	21428,910	13093,768	-4,642	-0,877
	126,792	-38159,694	14745,399	21327,738	13049,840	-4,239	-1,055
	127,188	-35994,941	14320,330	21227,046	13002,594	-3,877	-1,213
	127,583	-33875,671	13746,344	21126,829	12951,697	-3,556	-1,351
	127,979	-31800,344	13025,456	21027,083	12897,004	-3,276	-1,470
128,375	-29768,543	12160,169	20927,810	12838,464	-3,036	-1,570	
<b>SVARME</b>	128,729	-27986,387	11198,968	20839,382	12723,837	-3,467	-1,923
	129,083	-26237,272	10193,903	20751,331	12658,714	-3,282	-1,996
	129,438	-24520,852	9081,631	20663,650	12590,587	-3,134	-2,051
	129,792	-22837,374	7869,602	20576,339	12527,045	-3,019	-2,091
	130,146	-21185,657	6554,901	20489,399	12461,540	-2,939	-2,114
	130,500	-19565,277	5140,173	20402,824	12394,923	-2,893	-2,121
<b>SCORRE</b>	131,000	-17351,792	3111,302	20357,082	12287,052	-3,194	-2,335
	131,500	-15198,370	1180,416	20311,443	12218,070	-3,143	-2,351
	132,000	-13183,594	-673,634	20265,907	12151,731	-3,109	-2,359
	132,500	-11228,069	-2458,626	20220,472	12115,854	-3,063	-2,372
	133,000	-9331,794	-4166,241	20175,139	12045,944	-3,022	-2,383
	133,500	-7494,770	-5810,761	20129,908	11999,622	-2,972	-2,398
	134,000	-5716,996	-7389,106	20084,778	11955,012	-2,921	-2,414
	134,500	-3998,474	-8903,105	20039,749	11912,801	-2,866	-2,431
	135,000	4062,617	-10352,389	20039,749	11870,821	-0,909	-3,364
	135,500	5689,146	-11742,946	19867,802	11834,428	-0,828	-3,370
	136,000	7321,768	-13066,804	19912,444	11794,145	-0,753	-3,414
	136,500	8845,211	-14368,353	19957,187	11787,032	-0,695	-3,450
	137,000	10352,626	-15458,998	20002,030	11662,388	-0,614	-3,497
	137,500	11750,203	-16685,957	20046,974	11688,557	-0,561	-3,531
	138,000	13132,035	-17865,221	20092,019	11714,843	-0,499	-3,569
	138,500	14403,521	-19000,008	20137,165	11743,425	-0,455	-3,599
	139,000	15659,739	-20086,269	20182,412	11771,778	-0,402	-3,633
	139,500	16804,931	-21127,995	20227,762	11802,374	-0,368	-3,657
	140,000	17935,507	-22120,104	20273,213	11832,410	-0,323	-3,687
	140,500	18954,221	-23067,407	20318,766	11864,635	-0,298	-3,708
141,000	19959,131	-23963,803	20364,421	11895,988	-0,263	-3,733	
141,500	20851,204	-24814,949	20410,180	11929,478	-0,246	-3,750	
142,000	21730,426	-25613,753	20456,041	11961,806	-0,219	-3,772	

142,500	22495,715	-26366,727	20502,005	11996,228	-0,211	-3,784
143,000	23249,230	-27065,834	20548,072	12029,217	-0,190	-3,803
143,500	23887,612	-27718,425	20594,243	12064,265	-0,190	-3,811
144,000	24515,405	-28315,580	20640,517	12097,634	-0,177	-3,826
144,500	25026,777	-28865,456	20686,896	12133,032	-0,184	-3,832
145,000	25528,834	-29358,326	20733,378	12166,528	-0,177	-3,844
145,500	25913,113	-29803,098	20779,966	12202,035	-0,191	-3,846
146,000	26289,425	-30189,328	20826,657	12235,439	-0,190	-3,856
146,500	26546,550	-30526,605	20873,454	12270,840	-0,209	-3,855
147,000	26797,108	-30803,871	20920,356	12303,963	-0,213	-3,862
147,500	26927,037	-31031,304	20967,363	12339,076	-0,238	-3,860
148,000	27051,838	-31197,356	21014,476	12371,761	-0,246	-3,864
148,500	27054,549	-31312,682	21061,695	12406,433	-0,276	-3,859
149,000	27053,592	-31365,380	21109,020	12438,556	-0,288	-3,862
149,500	26930,543	-31366,314	21156,451	12472,614	-0,321	-3,856
150,000	26802,368	-31303,797	21203,989	12504,139	-0,337	-3,857
150,500	26553,562	-31188,347	21251,634	12537,499	-0,373	-3,849
151,000	26298,191	-31008,771	21299,385	12568,374	-0,393	-3,849
151,500	25923,632	-30775,121	21347,244	12600,992	-0,431	-3,839
152,000	25541,106	-30476,817	21395,211	12631,206	-0,453	-3,838
152,500	25040,802	-30123,337	21443,285	12663,084	-0,494	-3,828
153,000	24531,183	-29704,821	21491,468	12692,673	-0,518	-3,825
153,500	23905,143	-29230,076	21539,758	12723,867	-0,560	-3,814
154,000	23268,515	-28690,045	21588,157	12752,923	-0,586	-3,811
154,500	22516,753	-28092,782	21636,665	12783,550	-0,630	-3,800
155,000	21753,217	-27430,099	21685,282	12812,234	-0,657	-3,796
155,500	20875,748	-26709,227	21734,008	12842,483	-0,701	-3,784
156,000	19985,428	-25922,883	21782,843	12871,032	-0,730	-3,779
156,500	18982,271	-25077,420	21831,789	12901,180	-0,774	-3,768
157,000	17965,310	-24166,474	21880,844	12929,925	-0,804	-3,763
157,500	16836,487	-23195,469	21930,010	12960,347	-0,848	-3,751
158,000	15693,048	-22158,949	21979,285	12989,727	-0,877	-3,747
158,500	14438,584	-21061,370	22028,672	13020,912	-0,921	-3,735
159,000	13168,851	-19898,136	22078,170	13051,486	-0,950	-3,731
159,500	11788,772	-18672,702	22127,779	13084,049	-0,993	-3,720
160,000	10392,948	-17381,260	22177,499	13116,509	-1,021	-3,716
160,500	8887,286	-16026,234	22227,331	13151,202	-1,061	-3,706
161,000	7365,596	-14604,490	22277,275	13186,384	-1,087	-3,703
161,500	5734,728	-13117,402	22327,331	13224,095	-1,125	-3,694
162,000	4109,952	-11562,085	22377,500	13262,640	-1,141	-3,696
162,500	-3949,386	-9939,305	22427,782	13304,167	-3,052	-2,795
163,000	-5666,155	-8246,759	22478,176	13347,700	-3,053	-2,805
163,500	-7442,176	-6483,732	22528,684	13394,619	-3,049	-2,816
164,000	-9277,446	-4648,013	22579,305	13444,363	-3,041	-2,829
164,500	-11171,968	-2737,934	22630,040	13497,911	-3,027	-2,846
165,000	-13125,740	-751,424	22680,889	13560,844	-3,005	-2,866

	165,500	-15138,764	1313,997	22731,852	13606,781	-2,982	-2,886
	166,000	-17290,432	3456,614	22771,683	13657,008	-2,975	-2,897
	166,500	-19522,777	5679,693	22720,630	13712,848	-2,955	-2,897
<b>SVARME</b>	166,854	-21120,538	7255,359	22624,628	13799,906	-2,645	-2,620
	167,208	-22770,998	8694,442	22529,033	13846,924	-2,676	-2,589
	167,563	-24453,496	9983,748	22433,840	13848,271	-2,766	-2,530
	167,917	-26168,383	11122,278	22339,050	13818,685	-2,911	-2,445
	168,271	-27916,242	12099,420	22244,662	13754,115	-3,115	-2,331
	168,625	-29697,141	12938,140	22150,671	13685,191	-3,365	-2,196
<b>SVARMA</b>	169,021	-31690,587	13791,688	22046,093	13663,284	-3,034	-1,733
	169,417	-33764,496	14411,084	21942,007	13585,717	-3,342	-1,571
	169,813	-35882,646	14863,585	21838,414	13503,666	-3,696	-1,387
	170,208	-38045,682	15151,793	21735,311	13417,404	-4,094	-1,183
	170,604	-40255,343	15270,207	21632,692	13319,886	-4,539	-0,956
	171,000	-42512,523	15231,042	21530,560	13219,363	-5,028	-0,708
	171,396	-40259,175	15106,945	21428,910	13172,661	-4,584	-0,905
	171,792	-38053,151	14830,332	21327,738	13123,140	-4,183	-1,081
	172,188	-35893,385	14402,366	21227,046	13070,299	-3,824	-1,238
	172,583	-33779,101	13824,648	21126,829	13013,819	-3,507	-1,375
	172,979	-31708,761	13099,227	21027,083	12953,561	-3,230	-1,492
	173,375	-29681,948	12228,638	20927,810	12889,483	-2,993	-1,591
<b>SVARME</b>	173,729	-27940,960	11262,710	20839,382	12770,630	-3,427	-1,942
	174,083	-26196,266	10251,561	20751,331	12700,523	-3,246	-2,013
	174,438	-24484,269	9132,679	20663,650	12627,460	-3,102	-2,067
	174,792	-22805,211	7909,082	20576,339	12551,937	-2,994	-2,103
	175,146	-21157,916	6587,565	20489,399	12481,661	-2,918	-2,124
	175,500	-19541,957	5165,624	20402,824	12410,342	-2,876	-2,129
<b>SCORRE</b>	176,000	-17335,212	3126,670	20357,082	12296,144	-3,182	-2,341
	176,500	-15188,546	1186,201	20311,443	12220,788	-3,137	-2,354
	177,000	-13179,919	-676,916	20265,907	12148,267	-3,110	-2,358
	177,500	-11230,543	-2460,643	20220,472	12057,787	-3,082	-2,363
	178,000	-9340,418	-4176,880	20175,139	12003,218	-3,040	-2,374
	178,500	-7509,543	-5825,617	20129,908	11951,367	-2,996	-2,387
	179,000	-5737,920	-7408,090	20084,778	11901,375	-2,948	-2,401
	179,500	-4025,547	-8926,167	20039,749	11853,914	-2,899	-2,416
	180,000	4007,965	-10379,514	20039,749	11806,825	-0,953	-3,343
	180,500	5627,007	-11774,146	19867,802	11765,407	-0,876	-3,347
	181,000	7249,959	-13102,159	19912,444	11720,298	-0,807	-3,388
	181,500	8763,646	-14370,373	19957,187	11677,652	-0,753	-3,423
	182,000	10261,304	-15618,450	20002,030	11666,089	-0,687	-3,462
	182,500	11649,121	-16646,735	20046,974	11540,142	-0,624	-3,501
	183,000	13021,194	-17824,505	20092,019	11561,358	-0,565	-3,538
	183,500	14282,919	-18958,162	20137,165	11584,878	-0,526	-3,565
	184,000	15529,377	-20043,653	20182,412	11608,196	-0,477	-3,597
	184,500	16664,805	-21084,957	20227,762	11633,746	-0,447	-3,620
185,000	17785,620	-22076,981	20273,213	11658,755	-0,407	-3,647	

185,500	18794,568	-23024,522	20318,766	11685,928	-0,386	-3,666
186,000	19789,716	-23921,459	20364,421	11712,236	-0,355	-3,689
186,500	20672,020	-24773,433	20410,180	11740,647	-0,344	-3,703
187,000	21541,480	-25573,330	20456,041	11767,896	-0,321	-3,723
187,500	22296,998	-26327,642	20502,005	11797,191	-0,317	-3,733
188,000	23040,751	-27028,308	20548,072	11825,052	-0,302	-3,749
188,500	23669,359	-27682,657	20594,243	11854,910	-0,307	-3,756
189,000	24287,389	-28281,744	20640,517	11883,084	-0,299	-3,768
189,500	24788,986	-28833,703	20686,896	11913,217	-0,311	-3,772
190,000	25281,279	-29328,780	20733,378	11941,442	-0,309	-3,781
190,500	25655,783	-29775,861	20779,966	11971,597	-0,328	-3,781
191,000	26022,330	-30164,473	20826,657	11999,639	-0,332	-3,788
191,500	26269,679	-30504,184	20873,454	12029,591	-0,357	-3,785
192,000	26510,472	-30783,909	20920,356	12057,251	-0,366	-3,789
192,500	26630,624	-31013,803	20967,363	12086,806	-0,396	-3,784
193,000	26745,660	-31182,292	21014,476	12113,918	-0,410	-3,786
193,500	26738,605	-31300,006	21061,695	12142,912	-0,444	-3,779
194,000	26669,460	-31360,632	21109,020	12171,518	-0,481	-3,771
194,500	26593,586	-31358,322	21156,451	12197,643	-0,501	-3,770
195,000	26457,105	-31297,773	21203,989	12223,282	-0,522	-3,769
195,500	26198,534	-31184,294	21251,634	12250,688	-0,563	-3,758
196,000	25933,387	-31006,532	21299,385	12275,580	-0,588	-3,756
196,500	25549,062	-30774,518	21347,244	12302,084	-0,631	-3,744
197,000	25156,762	-30477,659	21395,211	12326,146	-0,659	-3,740
197,500	24646,692	-30125,411	21443,285	12351,730	-0,704	-3,727
198,000	24074,531	-29712,342	21491,468	12376,824	-0,751	-3,714
198,500	23484,537	-29234,497	21539,758	12399,912	-0,783	-3,708
199,000	22845,099	-28694,427	21588,157	12422,170	-0,812	-3,703
199,500	22083,570	-28097,439	21636,665	12446,070	-0,861	-3,690
200,000	21310,270	-27434,774	21685,282	12467,946	-0,893	-3,683
200,500	20423,034	-26713,666	21734,008	12491,206	-0,942	-3,669
201,000	19522,954	-25926,834	21782,843	12512,663	-0,976	-3,662
201,500	18510,031	-25080,643	21831,789	12535,519	-1,025	-3,648
202,000	17483,314	-24168,740	21880,844	12556,847	-1,059	-3,641
202,500	16344,725	-23196,573	21930,010	12579,626	-1,108	-3,627
203,000	15191,536	-22158,710	21979,285	12601,210	-1,142	-3,620
203,500	13927,306	-21059,642	22028,672	12624,351	-1,191	-3,606
204,000	12647,828	-19894,816	22078,170	12646,692	-1,225	-3,600
204,500	11257,985	-18667,737	22127,779	12670,746	-1,272	-3,586
205,000	9852,425	-17374,657	22177,499	12694,473	-1,305	-3,580
205,500	8336,998	-16018,069	22227,331	12720,126	-1,351	-3,568
206,000	6805,579	-14594,921	22277,275	12746,001	-1,382	-3,562
206,500	5165,808	-13106,663	22327,331	12774,049	-1,426	-3,551
207,000	3531,947	-11550,535	22377,500	12802,644	-1,447	-3,551
207,500	-4198,376	-9927,413	22427,782	12833,843	-3,263	-2,695
208,000	-5919,625	-8235,120	22478,176	12866,695	-3,268	-2,702

	208,500	-7700,123	-6473,073	22528,684	12902,526	-3,270	-2,711
	209,000	-9539,873	-4639,210	22579,305	12940,782	-3,267	-2,722
	209,500	-11438,873	-2736,033	22630,040	13001,492	-3,254	-2,738
	210,000	-13397,125	-749,569	22680,889	13032,443	-3,243	-2,753
	210,500	-15414,626	1310,447	22731,852	13067,044	-3,226	-2,770
	211,000	-17573,560	3446,423	22771,683	13105,525	-3,227	-2,777
	211,500	-19810,432	5661,489	22720,630	13149,177	-3,214	-2,774
<b>SVARME</b>	211,854	-21414,047	7231,754	22624,628	13228,156	-2,874	-2,511
	212,208	-23067,745	8664,918	22529,033	13266,658	-2,910	-2,478
	212,563	-24753,480	9979,262	22433,840	13302,488	-2,985	-2,426
	212,917	-26471,605	11137,808	22339,050	13293,890	-3,120	-2,345
	213,271	-28222,702	12142,073	22244,662	13255,226	-3,312	-2,238
	213,625	-30006,839	12982,346	22150,671	13182,723	-3,562	-2,102
<b>SVARMA</b>	214,021	-32008,800	13841,141	22046,093	13160,099	-3,194	-1,656
	214,417	-34086,387	14461,711	21942,007	13079,290	-3,504	-1,494
	214,813	-36208,216	14914,906	21838,414	12994,394	-3,859	-1,310
	215,208	-38374,931	15203,399	21735,311	12905,692	-4,258	-1,105
	215,604	-40589,236	15330,331	21632,692	12813,623	-4,701	-0,879
	216,000	-42853,772	15290,675	21530,560	12711,623	-5,192	-0,630
	216,396	-40586,202	15166,931	21428,910	12691,699	-4,740	-0,831
	216,792	-38365,957	14890,248	21327,738	12669,070	-4,331	-1,011
	217,188	-36191,969	14461,729	21227,046	12643,215	-3,963	-1,172
	217,583	-34063,456	13882,906	21126,829	12613,779	-3,637	-1,313
	217,979	-31978,894	13155,763	21027,083	12580,596	-3,352	-1,434
218,375	-29937,859	12282,761	20927,810	12543,583	-3,107	-1,537	
<b>SVARME</b>	218,729	-28180,428	11311,657	20839,382	12447,099	-3,559	-1,879
	219,083	-26423,199	10297,490	20751,331	12401,531	-3,370	-1,954
	219,438	-24698,674	9174,855	20663,650	12352,881	-3,217	-2,012
	219,792	-23007,081	7946,712	20576,339	12301,598	-3,101	-2,052
	220,146	-21347,251	6616,072	20489,399	12248,259	-3,020	-2,076
	220,500	-19718,757	5188,684	20402,824	12200,605	-2,970	-2,085
<b>SCORRE</b>	221,000	-17492,876	3141,124	20357,082	12118,843	-3,278	-2,296
	221,500	-15333,735	1191,883	20311,443	12075,417	-3,222	-2,313
	222,000	-13306,940	-680,249	20265,907	12034,041	-3,183	-2,324
	222,500	-11339,396	-2477,275	20220,472	11994,786	-3,138	-2,336
	223,000	-9431,102	-4188,693	20175,139	11922,219	-3,095	-2,348
	223,500	-7582,059	-5842,266	20129,908	11899,311	-3,038	-2,367
	224,000	-5792,267	-7429,180	20084,778	11877,550	-2,978	-2,387
	224,500	-4061,726	-8951,130	20039,749	11857,649	-2,916	-2,408
	225,000	3996,620	-10407,640	20039,749	11837,487	-0,955	-3,342
	225,500	5655,270	-11804,692	19863,343	11822,492	-0,859	-3,354
	226,000	7310,095	-13134,283	19907,976	11803,291	-0,774	-3,403
	226,500	8855,531	-14403,155	19952,708	11786,062	-0,702	-3,446
	227,000	10384,949	-15610,082	19997,541	11768,938	-0,617	-3,495
	227,500	11804,482	-16802,384	20042,475	11784,667	-0,550	-3,535
228,000	13208,304	-17755,261	20087,510	11678,872	-0,453	-3,590	

228,500	14501,711	-18879,657	20132,646	11727,040	-0,394	-3,627
229,000	15779,907	-19955,214	20177,883	11774,935	-0,326	-3,668
229,500	16946,986	-20985,953	20223,222	11825,065	-0,276	-3,700
230,000	18099,529	-21966,817	20268,663	11874,624	-0,216	-3,738
230,500	19140,098	-22902,666	20314,206	11926,410	-0,175	-3,766
231,000	20166,963	-23787,431	20359,851	11977,337	-0,123	-3,799
231,500	21080,862	-24626,832	20405,599	12030,480	-0,091	-3,823
232,000	21982,028	-25413,814	20451,450	12082,494	-0,048	-3,852
232,500	22769,116	-26154,964	20497,403	12136,716	-0,024	-3,872
233,000	23544,565	-26842,282	20543,460	12189,557	0,013	-3,898
233,500	24204,723	-27483,205	20589,621	12244,599	0,029	-3,915
234,000	24854,440	-28068,849	20635,885	12298,027	0,058	-3,937
234,500	25387,569	-28607,462	20682,253	12353,659	0,067	-3,950
235,000	25911,541	-29089,354	20728,725	12407,460	0,089	-3,970
235,500	26317,563	-29523,527	20775,302	12463,474	0,092	-3,980
236,000	26715,781	-29899,573	20821,984	12517,463	0,108	-3,997
236,500	26994,639	-30227,177	20868,770	12573,680	0,105	-4,004
237,000	27267,096	-30495,316	20915,661	12627,699	0,116	-4,018
237,500	27418,755	-30714,264	20962,658	12683,966	0,107	-4,023
238,000	27565,448	-30872,507	21009,760	12737,891	0,113	-4,035
238,500	27590,050	-30980,777	21056,969	12794,082	0,099	-4,037
239,000	27610,818	-31027,252	21104,283	12847,826	0,101	-4,047
239,500	27509,656	-31022,826	21151,703	12903,804	0,083	-4,047
240,000	27403,216	-30955,899	21199,231	12957,366	0,081	-4,055
240,500	27176,292	-30837,020	21246,864	13013,083	0,059	-4,054
241,000	26942,673	-30655,075	21294,605	13066,450	0,054	-4,060
241,500	26589,991	-30420,144	21342,454	13121,907	0,029	-4,058
242,000	26229,243	-30121,718	21390,409	13175,116	0,020	-4,063
242,500	25750,812	-29769,300	21438,473	13230,369	-0,007	-4,059
243,000	25263,004	-29353,085	21486,644	13283,514	-0,019	-4,062
243,500	24658,837	-28881,902	21534,924	13338,683	-0,048	-4,057
244,000	24044,061	-28346,733	21583,312	13391,926	-0,062	-4,060
244,500	23314,170	-27755,649	21631,809	13447,201	-0,093	-4,054
245,000	22572,537	-27100,475	21680,415	13500,788	-0,109	-4,056
245,500	21716,941	-26388,452	21729,130	13556,454	-0,142	-4,050
246,000	20848,584	-25612,283	21777,955	13610,729	-0,159	-4,050
246,500	19867,302	-24778,318	21826,889	13667,171	-0,193	-4,044
247,000	18872,375	-23880,147	21875,934	13722,586	-0,211	-4,044
247,500	17765,431	-22923,171	21925,088	13780,314	-0,245	-4,037
248,000	16644,107	-21901,851	21974,353	13837,454	-0,264	-4,038
248,500	15411,527	-20820,590	22023,729	13897,113	-0,298	-4,031
249,000	14164,001	-19674,674	22073,215	13956,707	-0,317	-4,031
249,500	12805,814	-18467,463	22122,813	14019,096	-0,349	-4,025
250,000	11432,302	-17194,986	22172,522	14082,031	-0,367	-4,026
250,500	9948,539	-15859,527	22222,343	14148,104	-0,398	-4,021
251,000	8449,278	-14457,743	22272,276	14215,433	-0,413	-4,023

	251,500	6853,142	-12990,599	22322,321	14286,071	-0,437	-4,021
	252,000	5251,956	-11455,407	22372,478	14358,656	-0,442	-4,029
	252,500	3540,718	-9852,433	22422,748	14435,356	-0,458	-4,031
	253,000	-4462,962	-8179,061	22473,132	14515,118	-2,326	-3,150
	253,500	-6217,135	-6434,257	22523,628	14599,509	-2,310	-3,167
	254,000	-8030,558	-4615,446	22574,238	14687,927	-2,289	-3,187
	254,500	-9903,233	-2720,585	22624,961	14781,490	-2,261	-3,210
	255,000	-11835,157	-746,885	22675,799	14880,078	-2,225	-3,236
	255,500	-13848,292	1308,551	22726,750	14984,322	-2,188	-3,264
	256,000	-15997,377	3442,503	22766,572	15066,053	-2,174	-3,278
	256,500	-18208,553	5661,203	22715,531	15165,815	-2,135	-3,287
<b>SVARME</b>	256,854	-19784,150	7233,296	22619,550	15281,239	-1,925	-2,963
	257,208	-21419,537	8671,991	22523,977	15358,659	-1,945	-2,937
	257,563	-23086,952	9992,961	22428,806	15432,500	-2,004	-2,892
	257,917	-24786,766	11193,261	22334,036	15501,956	-2,103	-2,829
	258,271	-26519,552	12232,457	22239,670	15518,679	-2,267	-2,735
	258,625	-28285,379	13114,214	22145,700	15499,219	-2,488	-2,613
<b>SVARMA</b>	259,021	-30248,755	13970,753	22041,146	15480,879	-2,318	-2,073
	259,417	-32305,660	14601,940	21937,083	15417,294	-2,617	-1,915
	259,813	-34415,526	15063,721	21833,514	15347,752	-2,965	-1,735
	260,208	-36579,961	15358,527	21730,433	15272,513	-3,359	-1,532
	260,604	-38797,839	15489,397	21627,837	15192,108	-3,800	-1,307
	261,000	-41063,584	15459,969	21525,728	15107,347	-4,285	-1,061
	261,396	-38819,801	15330,155	21424,101	14889,855	-3,881	-1,239
	261,792	-36623,343	15045,176	21322,952	14669,871	-3,519	-1,397
	262,188	-34473,143	14606,468	21222,282	14447,061	-3,199	-1,535
	262,583	-32368,393	14015,914	21122,088	14221,302	-2,922	-1,653
	262,979	-30307,619	13275,853	21022,364	13992,673	-2,685	-1,751
263,375	-28290,371	12389,118	20923,113	13761,369	-2,488	-1,831	
<b>SVARME</b>	263,729	-26568,372	11414,151	20834,706	13503,626	-2,845	-2,218
	264,083	-24831,766	10385,249	20746,674	13285,404	-2,709	-2,268
	264,438	-23127,888	9248,130	20659,012	13065,823	-2,610	-2,300
	264,792	-21456,918	8005,998	20571,721	12845,556	-2,546	-2,316
	265,146	-19827,081	6662,022	20484,801	12625,302	-2,519	-2,314
	265,500	-18241,928	5219,187	20398,245	12406,069	-2,529	-2,294
<b>SCORE</b>	265,950	-16348,743	3356,945	20357,082	12121,671	-2,872	-2,489
	266,400	-14477,681	1581,763	20316,003	11874,766	-2,911	-2,462
	266,850	-12654,612	-126,972	20275,006	11632,552	-2,944	-2,439
	267,300	-10879,536	-1769,413	20234,092	11383,457	-2,974	-2,417
	267,750	-9152,453	-3346,269	20193,260	11140,058	-2,996	-2,399
	268,200	-7473,364	-4859,776	20152,511	10902,010	-3,013	-2,383
	268,650	-5842,267	-6328,234	20111,844	10696,443	-3,020	-2,372
	269,100	-4259,164	-7744,439	20071,259	10494,396	-3,025	-2,362
	269,550	3549,841	-9109,986	20030,756	10295,971	-1,160	-3,243
	270,000	5056,360	-10424,799	20030,756	10099,590	-1,161	-3,242
270,450	6471,889	-11657,714	22069,047	9878,110	-1,434	-3,498	

270,900	7871,967	-12875,991	22113,671	9690,605	-1,442	-3,503
271,350	9194,413	-14049,270	22158,386	9506,306	-1,458	-3,504
271,800	10483,841	-15177,419	22203,191	9324,267	-1,470	-3,507
272,250	11713,172	-16261,716	22248,087	9144,650	-1,486	-3,507
272,700	12891,633	-17343,139	22293,073	8988,138	-1,509	-3,505
273,150	14027,988	-20557,495	22338,151	9875,705	-1,870	-3,342
273,600	15095,006	-21728,055	22383,320	9723,834	-1,952	-3,311
274,050	16138,693	-22858,635	22428,580	9571,153	-2,029	-3,283
274,500	17093,637	-23951,757	22473,931	9418,759	-2,121	-3,248
274,950	18039,881	-25002,870	22519,374	9264,878	-2,204	-3,217
275,400	18896,228	-26015,645	22564,909	9110,996	-2,303	-3,179
275,850	19730,887	-26985,551	22610,537	8955,570	-2,395	-3,143
276,300	20494,127	-27914,836	22656,256	8799,498	-2,497	-3,103
276,750	21216,508	-28800,815	22702,068	8642,026	-2,598	-3,064
277,200	21887,189	-29643,381	22747,972	8483,275	-2,703	-3,023
277,650	22496,464	-30442,459	22793,970	8323,355	-2,813	-2,979
278,100	23075,273	-31194,863	22840,060	8161,537	-2,919	-2,937
278,550	23570,486	-31903,910	22886,244	7998,849	-3,037	-2,890
279,000	24058,242	-32562,593	22932,521	7833,666	-3,143	-2,848
279,450	24443,615	-33177,942	22978,891	7667,863	-3,267	-2,798
279,900	24823,371	-33740,881	23025,355	7499,451	-3,377	-2,754
280,350	25116,444	-34257,604	23071,914	7330,000	-3,500	-2,704
280,800	25382,090	-34722,014	23118,566	7158,322	-3,617	-2,657
281,250	25584,950	-35136,464	23165,313	6985,078	-3,737	-2,609
281,700	25735,724	-35499,176	23212,154	6810,043	-3,859	-2,560
282,150	25846,745	-35808,176	23259,090	6632,992	-3,977	-2,513
282,600	25883,682	-36065,945	23306,121	6454,525	-4,102	-2,462
283,050	25901,615	-36266,464	23353,247	6273,693	-4,216	-2,416
283,500	25825,854	-36416,159	23400,468	6091,755	-4,343	-2,365
284,000	25731,891	-36483,021	23447,785	5884,762	-4,459	-2,319
284,500	25524,595	-36447,176	23515,898	5676,050	-4,581	-2,273
285,000	25301,336	-36290,133	23521,356	5463,006	-4,665	-2,234
285,500	24967,937	-36019,422	23453,226	5247,150	-4,739	-2,186
286,000	24615,218	-35633,499	23385,295	5028,531	-4,786	-2,151
286,500	24155,694	-35140,251	23317,559	4808,478	-4,832	-2,116
287,000	23673,369	-34532,265	23250,021	4586,137	-4,852	-2,094
287,500	23087,698	-33849,457	23182,677	4366,853	-4,880	-2,068
288,000	22475,632	-33051,604	23115,529	4145,329	-4,882	-2,054
288,500	21763,796	-31948,503	23048,575	3898,540	-4,831	-2,066
289,000	21021,866	-30736,762	22981,815	3651,840	-4,756	-2,089
289,500	20183,849	-29431,985	22915,249	3407,032	-4,681	-2,112
290,000	19311,945	-28032,535	22848,875	3163,791	-4,588	-2,144
290,500	18347,732	-26544,650	22782,694	2922,689	-4,495	-2,175
291,000	17345,759	-24967,842	22716,704	2683,524	-4,387	-2,214
291,500	16255,337	-23307,364	22650,906	2446,710	-4,279	-2,253
292,000	15123,211	-21563,606	22585,298	2212,129	-4,158	-2,298

	292,500	13906,569	-19740,782	22519,880	1980,058	-4,038	-2,343
<b>SVARME</b>	292,854	13021,894	-18424,720	22424,726	1817,656	-3,528	-2,166
	293,208	12094,520	-17034,613	22329,976	1654,850	-3,440	-2,191
	293,563	11131,299	-15609,083	22235,624	1493,524	-3,351	-2,217
	293,917	10142,847	-14148,548	22141,671	1333,681	-3,260	-2,245
	294,271	9113,625	-12653,781	22048,117	1175,369	-3,170	-2,271
	294,625	8048,975	-11124,960	21954,956	1018,462	-3,080	-2,298
<b>SVARMA</b>	295,021	6821,902	-9431,301	21851,303	848,370	-2,500	-1,959
	295,417	5547,937	-7623,184	21748,136	675,001	-2,415	-1,985
	295,813	4229,730	-5776,014	21645,459	503,595	-2,330	-2,010
	296,208	2866,623	-3889,843	21543,267	334,028	-2,247	-2,035
	296,604	1456,974	-1964,553	21441,554	166,162	-2,164	-2,060
	297,000	0,000	0,000	21441,554	0,000	-2,093	-2,093



**Anexo F – Estado limite de abertura de fendas (Início da exploração)**

Secção	$A_c$ [m <sup>2</sup> ]	$I_c$ [m <sup>4</sup> ]	$v_{sup}$ [m]	$v_{inf}$ [m]	$f_{ctm}$ [MPa]
<b>Secção corrente (SCORRE)</b>	7,792	6,821	0,968	2,032	3,200
<b>Secção var. menor (SVARME)</b>	8,608	7,893			
<b>Secção var. maior (SVARMA)</b>	10,243	9,767			

	Posição (x)	$M_{freq}$ [kN.m]	$M_{PE,iso,0}$ [kN.m]	$P_0$ [kN]	$M_{PE,hip,0}$ [kN.m]	$\sigma_{inf}$ [MPa]	$\sigma_{sup}$ [MPa]
<b>SVARMA</b>	0,000	0,000	0,000	19474,104	0,000	-1,901	-1,901
	0,396	1632,630	-1953,411	19518,875	115,539	-1,948	-1,885
	0,792	3216,277	-3857,589	19563,748	231,663	-1,995	-1,869
	1,188	4747,350	-5712,069	19608,726	348,292	-2,043	-1,853
	1,583	6227,244	-7516,525	19653,807	465,459	-2,090	-1,837
	1,979	7666,848	-9270,628	19698,991	583,217	-2,136	-1,822
	2,375	9045,338	-10973,913	19744,280	701,477	-2,183	-1,806
<b>SVARME</b>	2,729	10248,251	-12457,594	19789,672	807,986	-2,660	-2,127
	3,083	11416,288	-13897,350	19830,375	914,719	-2,707	-2,112
	3,438	12534,682	-15295,640	19871,161	1021,939	-2,756	-2,095
	3,792	13632,692	-16652,151	19912,031	1129,602	-2,800	-2,082
	4,146	14690,053	-17966,571	19952,986	1237,676	-2,843	-2,068
	4,500	15699,562	-19238,694	19994,024	1346,234	-2,887	-2,054
<b>SCORRE N</b>	5,000	17101,225	-20944,287	20035,147	1498,970	-3,270	-2,239
	5,500	18393,108	-22580,512	20093,347	1653,743	-3,333	-2,219
	6,000	19660,833	-24130,312	20151,716	1809,419	-3,379	-2,209
	6,500	20810,911	-25592,892	20210,255	1965,998	-3,433	-2,194
	7,000	21944,719	-26967,453	20268,964	2123,494	-3,465	-2,190
	7,500	22953,160	-28253,192	20327,843	2281,899	-3,508	-2,180
	8,000	23953,077	-29449,301	20386,893	2441,228	-3,526	-2,183
	8,500	24820,073	-30554,966	20446,115	2601,473	-3,557	-2,179
	9,000	25686,129	-31569,370	20505,509	2762,645	-3,561	-2,189
	9,500	26411,898	-32491,691	20565,075	2924,755	-3,579	-2,191
	10,000	27144,127	-33321,100	20624,815	3087,790	-3,567	-2,208
	10,500	27728,914	-34056,766	20684,728	3251,772	-3,571	-2,218
	11,000	28327,352	-34697,851	20744,815	3416,691	-3,542	-2,243
	11,500	28771,428	-35243,514	20805,076	3582,563	-3,531	-2,260
	12,000	29236,116	-35692,907	20865,513	3749,376	-3,484	-2,294
	12,500	29539,776	-36045,179	20926,125	3917,157	-3,457	-2,318
	13,000	29870,759	-36299,472	20986,913	4085,888	-3,391	-2,361
	13,500	30034,326	-36454,925	21047,878	4255,588	-3,346	-2,394
13,950	30214,585	-36534,225	21109,020	4410,409	-3,278	-2,438	
14,400	30255,450	-36528,146	21151,703	4562,050	-3,224	-2,472	
14,850	30306,300	-36468,482	21194,473	4714,270	-3,151	-2,515	

	15,300	30256,975	-36354,909	21237,329	4867,067	-3,092	-2,551
	15,750	30176,138	-36187,102	21280,272	5020,448	-3,026	-2,590
	16,200	30039,119	-35964,733	21323,301	5174,404	-2,960	-2,630
	16,650	29824,523	-35687,473	21366,418	5328,947	-2,901	-2,666
	17,100	29603,067	-35354,993	21409,622	5484,072	-2,827	-2,710
	17,550	29256,237	-34966,961	21452,913	5639,784	-2,774	-2,743
	18,000	28946,166	-34523,044	21496,292	5796,084	-2,693	-2,790
	18,450	28479,322	-34022,909	21539,758	5952,975	-2,642	-2,822
	18,900	28045,559	-33466,221	21583,312	6110,456	-2,564	-2,868
	19,350	27492,595	-32852,642	21626,955	6268,527	-2,505	-2,904
	19,800	26926,693	-32181,835	21670,685	6427,198	-2,432	-2,947
	20,250	26285,972	-31453,460	21714,504	6586,463	-2,364	-2,988
	20,700	25589,844	-30667,176	21758,412	6746,328	-2,295	-3,029
	21,150	24859,990	-29822,642	21802,408	6906,794	-2,219	-3,074
	21,600	24035,292	-28919,515	21846,494	7067,856	-2,153	-3,114
	22,050	23215,213	-27957,448	21890,668	7229,527	-2,068	-3,162
	22,500	22209,550	-26936,097	21934,932	7391,800	-2,021	-3,193
	22,950	21342,042	-25855,113	21979,285	7554,680	-1,915	-3,252
	23,400	20291,261	-24714,147	22023,729	7718,169	-1,845	-3,294
	23,850	19241,811	-23512,850	22068,261	7882,269	-1,756	-3,345
	24,300	18101,679	-22250,869	22112,884	8046,980	-1,677	-3,391
	24,750	16925,328	-20927,851	22157,598	8212,308	-1,589	-3,441
	25,200	15695,232	-19543,442	22202,401	8378,249	-1,500	-3,492
	25,650	14392,935	-18097,285	22247,295	8544,810	-1,413	-3,542
	26,100	13072,593	-16589,023	22292,280	8711,988	-1,313	-3,598
	26,550	11644,981	-15018,298	22337,356	8879,785	-1,226	-3,648
	27,000	10234,462	-13384,749	22382,523	9048,211	-1,115	-3,709
	27,450	8689,955	-11688,014	22427,782	9217,255	-1,026	-3,761
	27,900	7162,489	-9927,731	22473,132	9386,928	-0,911	-3,824
	28,350	5528,389	-8103,534	22518,573	9557,234	-0,810	-3,881
	28,800	3876,325	-6215,058	22564,107	9728,160	-0,694	-3,944
	29,250	-6710,157	-4261,935	22609,732	9899,728	-3,221	-2,749
	29,700	-8399,666	-2243,796	22655,450	10071,927	-3,078	-2,826
	30,150	-10137,168	-160,271	22701,260	10244,759	-2,929	-2,906
	30,600	-11922,663	1989,012	22747,163	10418,228	-2,775	-2,988
	31,050	-13756,151	4201,407	22776,794	10584,732	-2,616	-3,069
	31,500	-15637,632	6455,556	22730,831	10715,978	-2,460	-3,135
<b>SVARME</b>	31,854	-17234,759	8153,324	22634,786	10790,269	-2,190	-2,839
	32,208	-18891,100	9695,855	22539,149	10863,784	-2,189	-2,823
	32,563	-20599,612	11085,111	22443,913	10936,430	-2,241	-2,782
	32,917	-22341,961	12322,908	22349,080	11008,267	-2,342	-2,718
	33,271	-24118,821	13411,061	22254,650	11079,327	-2,490	-2,631
	33,625	-25929,903	14351,461	22160,616	11149,557	-2,685	-2,522
<b>SVARMA</b>	34,021	-27995,684	15229,825	22055,992	11227,120	-2,473	-2,001
	34,417	-30107,122	15928,383	21951,859	11303,673	-2,741	-1,858
	34,813	-32264,579	16449,585	21848,220	11379,268	-3,056	-1,693

	35,208	-34468,342	16795,916	21745,070	11453,885	-3,417	-1,507
	35,604	-36720,553	16969,818	21642,405	11527,529	-3,824	-1,298
	36,000	-39021,747	16973,699	21540,227	11600,218	-4,277	-1,068
	36,396	-36591,291	16809,961	21438,532	11542,084	-3,807	-1,277
	36,792	-34210,903	16480,965	21337,314	11484,233	-3,383	-1,464
	37,188	-31892,170	15989,077	21236,576	11426,659	-3,005	-1,630
	37,583	-29640,307	15336,620	21136,315	11369,365	-2,674	-1,773
	37,979	-27451,273	14525,875	21036,523	11312,363	-2,389	-1,894
	38,375	-25307,894	13559,167	20937,206	11255,622	-2,147	-1,995
<b>SVARME</b>	38,729	-23427,398	12563,833	20848,739	11205,103	-2,334	-2,464
	39,083	-21581,123	11447,073	20760,648	11154,777	-2,149	-2,537
	39,438	-19768,827	10210,416	20672,928	11104,697	-2,004	-2,591
	39,792	-17991,387	8855,470	20585,577	11054,840	-1,898	-2,627
	40,146	-16246,891	7383,843	20498,598	11005,160	-1,830	-2,644
	40,500	-14534,912	5797,004	20411,985	10955,741	-1,800	-2,643
<b>SCORRE</b>	41,000	-12174,270	3534,671	20366,223	10927,027	-1,932	-2,938
	41,500	-9878,560	1345,673	20320,563	10898,365	-1,903	-2,944
	42,000	-7795,500	-770,450	20275,006	10869,757	-1,916	-2,929
	42,500	-5815,608	-2814,155	20229,551	10841,194	-1,937	-2,910
	43,000	4092,394	-4785,897	20184,197	10812,685	0,424	-4,026
	43,500	6041,465	-6686,130	20138,946	10784,228	0,436	-4,024
	44,000	8020,548	-8515,304	20093,796	10755,821	0,478	-4,035
	44,500	9838,287	-10273,869	20048,747	10727,466	0,493	-4,034
	45,000	11684,949	-11989,151	20048,747	10723,201	0,531	-4,052
	45,500	13370,759	-13518,936	19867,802	10622,174	0,571	-4,036
	46,000	15105,719	-15129,033	19912,444	10641,765	0,608	-4,062
	46,500	16706,180	-16684,208	19957,187	10661,367	0,621	-4,077
	47,000	18334,896	-18184,068	20002,030	10680,976	0,660	-4,104
	47,500	19802,358	-19628,215	20046,974	10700,604	0,667	-4,116
	48,000	21298,425	-21016,252	20092,019	10720,237	0,699	-4,140
	48,500	22632,417	-22347,778	20137,165	10739,883	0,700	-4,149
	49,000	23995,772	-23622,392	20182,412	10759,548	0,726	-4,170
	49,500	25195,862	-24839,691	20227,762	10779,216	0,721	-4,176
	50,000	26426,445	-25999,269	20273,213	10798,901	0,743	-4,195
	50,500	27492,244	-27100,718	20318,766	10818,596	0,732	-4,199
	51,000	28590,003	-28143,630	20364,421	10838,303	0,748	-4,215
	51,500	29521,162	-29127,594	20410,180	10858,020	0,733	-4,216
	52,000	30486,053	-30052,196	20456,041	10877,749	0,745	-4,231
	52,500	31282,265	-30917,023	20502,005	10897,490	0,724	-4,229
53,000	32114,246	-31721,657	20548,072	10917,239	0,732	-4,242	
53,500	32775,247	-32465,679	20594,243	10937,002	0,707	-4,239	
54,000	33474,283	-33148,671	20640,517	10956,771	0,712	-4,250	
54,500	33999,849	-33770,208	20686,896	10976,559	0,684	-4,245	
55,000	34565,911	-34329,867	20733,378	10996,349	0,685	-4,255	
55,500	34955,860	-34827,222	20779,966	11016,152	0,653	-4,248	
56,000	35388,927	-35261,845	20826,657	11035,969	0,653	-4,257	

	56,500	35643,118	-35633,306	20873,454	11055,790	0,618	-4,249
	57,000	35943,173	-35941,172	20920,356	11075,626	0,615	-4,257
	57,500	36061,507	-36185,010	20967,363	11095,469	0,578	-4,248
	58,000	36228,538	-36364,384	21014,476	11115,322	0,574	-4,255
	58,500	36210,958	-36478,856	21061,695	11135,188	0,534	-4,245
	59,000	36244,961	-36527,987	21109,020	11155,065	0,530	-4,252
	59,500	36094,034	-36511,334	21156,451	11174,947	0,490	-4,242
	60,000	35992,426	-36428,453	21203,989	11194,839	0,484	-4,248
	60,500	35708,471	-36278,900	21251,634	11214,744	0,444	-4,238
	61,000	35470,965	-36062,226	21299,385	11234,653	0,437	-4,244
	61,500	35053,990	-35777,982	21347,244	11254,575	0,398	-4,234
	62,000	34680,658	-35425,715	21395,211	11274,505	0,391	-4,240
	62,500	34130,677	-35004,972	21443,285	11294,441	0,352	-4,231
	63,000	33621,633	-34515,297	21491,468	11314,389	0,346	-4,237
	63,500	32938,663	-33956,232	21539,758	11334,347	0,309	-4,228
	64,000	32294,064	-33327,317	21588,157	11354,310	0,304	-4,235
	64,500	31478,130	-32628,091	21636,665	11374,284	0,269	-4,228
	65,000	30698,172	-31858,088	21685,282	11394,267	0,266	-4,235
	65,500	29749,306	-31016,844	21734,008	11414,256	0,234	-4,229
	66,000	28834,227	-30103,890	21782,843	11434,255	0,233	-4,238
	66,500	27752,466	-29118,755	21831,789	11454,261	0,204	-4,233
	67,000	26702,547	-28060,967	21880,844	11474,276	0,206	-4,244
	67,500	25487,932	-26930,052	21930,010	11494,294	0,180	-4,241
	68,000	24303,495	-25725,533	21979,285	11514,324	0,186	-4,253
	68,500	22956,075	-24446,931	22028,672	11534,360	0,165	-4,252
	69,000	21637,483	-23093,766	22078,170	11554,403	0,175	-4,266
	69,500	20157,312	-21665,554	22127,779	11574,455	0,159	-4,268
	70,000	18704,970	-20161,811	22177,499	11594,514	0,174	-4,285
	70,500	17092,109	-18582,049	22227,331	11614,581	0,164	-4,289
	71,000	15506,463	-16925,779	22277,275	11634,654	0,184	-4,309
	71,500	13761,288	-15192,509	22327,331	11654,734	0,180	-4,316
	72,000	12067,717	-13381,745	22377,500	11674,814	0,215	-4,342
	72,500	10214,571	-11492,992	22427,782	11694,912	0,225	-4,357
	73,000	8388,712	-9525,751	22478,176	11715,007	0,267	-4,386
	73,500	6403,093	-7479,523	22528,684	11735,110	0,284	-4,404
	74,000	4445,517	-5353,804	22579,305	11755,224	0,334	-4,437
	74,500	-6019,710	-3148,090	22630,040	11775,338	-2,127	-3,274
	75,000	-7987,458	-861,874	22680,889	11795,462	-2,033	-3,329
	75,500	-10014,458	1505,354	22731,852	11815,591	-1,932	-3,387
	76,000	-12246,898	3952,152	22771,683	11829,883	-1,869	-3,424
	76,500	-14592,681	6452,659	22720,630	11796,935	-1,826	-3,435
<b>SVARME</b>	76,854	-16294,134	8149,665	22624,628	11742,535	-1,702	-3,070
	77,208	-18028,105	9691,503	22529,033	11688,421	-1,754	-3,028
	77,563	-19795,555	11080,136	22433,840	11634,500	-1,855	-2,964
	77,917	-21596,793	12317,377	22339,050	11580,826	-2,003	-2,877
	78,271	-23432,542	13405,042	22244,662	11527,425	-2,198	-2,768

	78,625	-25302,513	14345,020	22150,671	11474,231	-2,440	-2,637
<b>SVARMA</b>	79,021	-27434,129	15222,990	22046,093	11415,075	-2,318	-2,073
	79,417	-29611,401	15921,234	21942,007	11356,195	-2,628	-1,911
	79,813	-31834,693	16442,203	21838,414	11297,628	-2,984	-1,726
	80,208	-34104,241	16788,378	21735,311	11239,355	-3,386	-1,520
	80,604	-36422,286	16962,202	21632,692	11181,362	-3,834	-1,292
	81,000	-38789,315	16966,081	21530,560	11123,665	-4,328	-1,042
	81,396	-36402,902	16802,417	21428,910	11071,569	-3,867	-1,247
	81,792	-34071,283	16473,568	21327,738	11019,712	-3,451	-1,430
	82,188	-31789,650	15981,902	21227,046	10968,085	-3,079	-1,593
	82,583	-29555,450	15329,737	21126,829	10916,693	-2,751	-1,735
	82,979	-27366,673	14519,356	21027,083	10865,548	-2,465	-1,856
83,375	-25223,553	13553,082	20927,810	10814,619	-2,221	-1,958	
<b>SVARME</b>	83,729	-23343,294	12558,195	20839,382	10769,262	-2,425	-2,419
	84,083	-21497,256	11441,936	20751,331	10724,063	-2,239	-2,493
	84,438	-19685,179	10205,834	20663,650	10679,074	-2,092	-2,548
	84,792	-17907,976	8851,496	20576,339	10634,272	-1,984	-2,584
	85,146	-16163,716	7380,530	20489,399	10589,612	-1,915	-2,602
	85,500	-14451,974	5794,402	20402,824	10545,173	-1,884	-2,602
<b>SCORRE</b>	86,000	-12091,663	3533,085	20357,082	10521,929	-2,028	-2,891
	86,500	-9827,978	1345,069	20311,443	10498,714	-2,006	-2,893
	87,000	-7787,905	-770,104	20265,907	10475,532	-2,030	-2,873
	87,500	-5807,083	-2812,892	20220,472	10452,373	-2,049	-2,855
	88,000	4283,621	-4783,750	20175,139	10429,244	0,369	-3,998
	88,500	6232,075	-6683,129	20129,908	10406,142	0,382	-3,996
	89,000	8208,827	-8511,483	20084,778	10383,073	0,425	-4,008
	89,500	10025,659	-10269,258	20039,749	10360,032	0,442	-4,007
	90,000	11869,963	-11983,770	20039,749	10360,244	0,481	-4,026
	90,500	13554,602	-13518,936	19867,802	10271,537	0,521	-4,013
	91,000	15310,312	-15129,033	19912,444	10294,785	0,565	-4,042
	91,500	16908,568	-16684,208	19957,187	10318,063	0,579	-4,057
	92,000	18534,090	-18184,068	20002,030	10341,374	0,618	-4,084
	92,500	19999,131	-19628,215	20046,974	10364,713	0,625	-4,096
	93,000	21491,988	-21016,252	20092,019	10388,082	0,658	-4,120
	93,500	22823,364	-22347,778	20137,165	10411,482	0,659	-4,129
	94,000	24183,496	-23622,392	20182,412	10434,912	0,686	-4,151
	94,500	25380,798	-24839,691	20227,762	10458,374	0,681	-4,157
	95,000	26608,149	-25999,269	20273,213	10481,862	0,702	-4,176
	95,500	27671,008	-27100,718	20318,766	10505,385	0,692	-4,179
	96,000	28765,528	-28143,630	20364,421	10528,933	0,708	-4,196
96,500	29693,616	-29127,594	20410,180	10552,512	0,693	-4,197	
97,000	30655,263	-30052,196	20456,041	10576,127	0,705	-4,212	
97,500	31448,292	-30917,023	20502,005	10599,766	0,685	-4,211	
98,000	32277,027	-31721,657	20548,072	10623,437	0,693	-4,223	
98,500	32934,750	-32465,679	20594,243	10647,138	0,669	-4,221	
99,000	33630,542	-33148,671	20640,517	10670,869	0,674	-4,232	

	99,500	34152,752	-33770,208	20686,896	10694,632	0,645	-4,227
	100,000	34715,574	-34329,867	20733,378	10718,422	0,647	-4,237
	100,500	35102,106	-34827,222	20779,966	10742,243	0,615	-4,230
	101,000	35531,938	-35261,845	20826,657	10766,093	0,615	-4,239
	101,500	35782,666	-35633,306	20873,454	10789,971	0,580	-4,231
	102,000	36079,492	-35941,172	20920,356	10813,883	0,578	-4,239
	102,500	36194,331	-36185,010	20967,363	10837,822	0,541	-4,230
	103,000	36358,145	-36364,384	21014,476	10861,789	0,537	-4,237
	103,500	36337,050	-36478,856	21061,695	10885,790	0,498	-4,228
	104,000	36367,847	-36527,987	21109,020	10909,816	0,493	-4,235
	104,500	36213,713	-36511,334	21156,451	10933,874	0,454	-4,225
	105,000	36108,598	-36428,453	21203,989	10957,965	0,448	-4,231
	105,500	35821,450	-36278,900	21251,634	10982,079	0,408	-4,221
	106,000	35580,443	-36062,226	21299,385	11006,225	0,402	-4,227
	106,500	35160,289	-35777,982	21347,244	11030,401	0,362	-4,217
	107,000	34783,474	-35425,715	21395,211	11054,608	0,356	-4,223
	107,500	34230,329	-35004,972	21443,285	11078,839	0,318	-4,214
	108,000	33717,828	-34515,297	21491,468	11103,100	0,312	-4,221
	108,500	33031,713	-33956,232	21539,758	11127,395	0,275	-4,212
	109,000	32383,691	-33327,317	21588,157	11151,716	0,271	-4,219
	109,500	31564,631	-32628,091	21636,665	11176,067	0,236	-4,212
	110,000	30781,292	-31858,088	21685,282	11200,448	0,233	-4,220
	110,500	29829,318	-31016,844	21734,008	11224,855	0,201	-4,214
	111,000	28910,908	-30103,890	21782,843	11249,292	0,200	-4,223
	111,500	27826,059	-29118,755	21831,789	11273,761	0,172	-4,218
	112,000	26772,864	-28060,967	21880,844	11298,256	0,174	-4,229
	112,500	25555,183	-26930,052	21930,010	11322,780	0,149	-4,226
	113,000	24367,528	-25725,533	21979,285	11347,332	0,155	-4,238
	113,500	23017,063	-24446,931	22028,672	11371,912	0,135	-4,238
	114,000	21695,317	-23093,766	22078,170	11396,522	0,145	-4,252
	114,500	20212,123	-21665,554	22127,779	11421,160	0,130	-4,254
	115,000	18756,692	-20161,811	22177,499	11445,830	0,145	-4,271
	115,500	17140,831	-18582,049	22227,331	11470,525	0,135	-4,276
	116,000	15552,163	-16925,779	22277,275	11495,245	0,156	-4,295
	116,500	13804,213	-15192,509	22327,331	11520,000	0,153	-4,303
	117,000	12123,337	-13381,745	22377,500	11544,785	0,193	-4,332
	117,500	10282,887	-11492,992	22427,782	11569,592	0,208	-4,348
	118,000	8469,791	-9525,751	22478,176	11594,432	0,255	-4,380
	118,500	6496,890	-7479,523	22528,684	11619,295	0,278	-4,401
	119,000	4552,145	-5353,804	22579,305	11644,186	0,332	-4,436
	119,500	-6023,669	-3148,090	22630,040	11669,112	-2,160	-3,259
	120,000	-8006,803	-861,874	22680,889	11694,060	-2,069	-3,312
	120,500	-10049,187	1505,354	22731,852	11719,037	-1,971	-3,368
	121,000	-12308,400	3952,152	22771,683	11738,243	-1,915	-3,402
	121,500	-14670,829	6452,659	22720,630	11710,581	-1,875	-3,411
<b>SVARME</b>	121,854	-16392,793	8149,665	22624,628	11660,120	-1,749	-3,047

	122,208	-18138,553	9691,503	22529,033	11609,919	-1,803	-3,005
	122,563	-19917,805	11080,136	22433,840	11559,878	-1,905	-2,940
	122,917	-21730,832	12317,377	22339,050	11510,058	-2,055	-2,852
	123,271	-23578,370	13405,042	22244,662	11460,473	-2,253	-2,742
	123,625	-25460,129	14345,020	22150,671	11411,066	-2,497	-2,610
<b>SVARMA</b>	124,021	-27604,926	15222,990	22046,093	11356,108	-2,366	-2,051
	124,417	-29795,378	15921,234	21942,007	11301,386	-2,677	-1,887
	124,813	-32031,850	16442,203	21838,414	11246,941	-3,036	-1,702
	125,208	-34314,565	16788,378	21735,311	11192,748	-3,440	-1,494
	125,604	-36645,790	16962,202	21632,692	11138,799	-3,890	-1,265
	126,000	-39026,000	16966,081	21530,560	11085,110	-4,385	-1,014
	126,396	-36641,410	16802,417	21428,910	11033,901	-3,924	-1,219
	126,792	-34306,190	16473,568	21327,738	10982,928	-3,507	-1,403
	127,188	-32019,025	15981,902	21227,046	10932,177	-3,134	-1,566
	127,583	-29779,295	15329,737	21126,829	10881,652	-2,805	-1,709
	127,979	-27584,987	14519,356	21027,083	10831,366	-2,518	-1,831
	128,375	-25436,335	13553,082	20927,810	10781,290	-2,272	-1,934
<b>SVARME</b>	128,729	-23551,126	12558,195	20839,382	10736,690	-2,487	-2,390
	129,083	-21700,140	11441,936	20751,331	10692,241	-2,299	-2,464
	129,438	-19883,111	10205,834	20663,650	10647,996	-2,151	-2,520
	129,792	-18100,959	8851,496	20576,339	10603,934	-2,042	-2,557
	130,146	-16351,751	7380,530	20489,399	10560,009	-1,971	-2,575
	130,500	-14635,060	5794,402	20402,824	10516,299	-1,939	-2,576
<b>SCORRE</b>	131,000	-12267,762	3533,085	20357,082	10493,967	-2,088	-2,862
	131,500	-10002,565	1345,069	20311,443	10471,664	-2,066	-2,864
	132,000	-7955,408	-770,104	20265,907	10449,385	-2,087	-2,845
	132,500	-5967,502	-2812,892	20220,472	10427,131	-2,104	-2,829
	133,000	4613,269	-4783,750	20175,139	10404,898	0,460	-4,042
	133,500	6562,543	-6683,129	20129,908	10382,692	0,474	-4,040
	134,000	8539,990	-8511,483	20084,778	10360,513	0,517	-4,052
	134,500	10357,620	-10269,258	20039,749	10338,357	0,534	-4,052
	135,000	12202,618	-11983,770	20039,749	10339,407	0,574	-4,070
	135,500	13888,036	-13518,936	19867,802	10251,711	0,614	-4,057
	136,000	15644,889	-15129,033	19912,444	10275,745	0,659	-4,087
	136,500	17242,636	-16684,208	19957,187	10299,814	0,674	-4,102
	137,000	18867,579	-18184,068	20002,030	10323,914	0,712	-4,129
	137,500	20332,095	-19628,215	20046,974	10348,050	0,720	-4,141
	138,000	21824,372	-21016,252	20092,019	10372,221	0,752	-4,165
	138,500	23155,208	-22347,778	20137,165	10396,425	0,753	-4,174
	139,000	24514,759	-23622,392	20182,412	10420,663	0,780	-4,196
	139,500	25711,509	-24839,691	20227,762	10444,934	0,775	-4,202
	140,000	26938,277	-25999,269	20273,213	10469,240	0,797	-4,221
	140,500	28000,573	-27100,718	20318,766	10493,583	0,787	-4,225
141,000	29094,510	-28143,630	20364,421	10517,955	0,803	-4,241	
141,500	30022,026	-29127,594	20410,180	10542,362	0,788	-4,242	
142,000	30983,089	-30052,196	20456,041	10566,805	0,800	-4,257	

142,500	31775,537	-30917,023	20502,005	10591,280	0,780	-4,256
143,000	32603,688	-31721,657	20548,072	10615,789	0,788	-4,269
143,500	33260,823	-32465,679	20594,243	10640,334	0,764	-4,266
144,000	33956,031	-33148,671	20640,517	10664,910	0,769	-4,277
144,500	34477,648	-33770,208	20686,896	10689,520	0,740	-4,272
145,000	35039,886	-34329,867	20733,378	10714,162	0,743	-4,282
145,500	35425,820	-34827,222	20779,966	10738,839	0,711	-4,276
146,000	35855,068	-35261,845	20826,657	10763,552	0,710	-4,285
146,500	36105,194	-35633,306	20873,454	10788,297	0,676	-4,277
147,000	36401,438	-35941,172	20920,356	10813,077	0,674	-4,285
147,500	36515,673	-36185,010	20967,363	10837,889	0,636	-4,276
148,000	36678,904	-36364,384	21014,476	10862,735	0,633	-4,283
148,500	36657,205	-36478,856	21061,695	10887,614	0,594	-4,273
149,000	36687,420	-36527,987	21109,020	10912,526	0,589	-4,280
149,500	36532,704	-36511,334	21156,451	10937,474	0,550	-4,270
150,000	36426,984	-36428,453	21203,989	10962,456	0,544	-4,277
150,500	36139,256	-36278,900	21251,634	10987,467	0,504	-4,267
151,000	35897,645	-36062,226	21299,385	11012,515	0,498	-4,273
151,500	35476,912	-35777,982	21347,244	11037,595	0,459	-4,263
152,000	35099,493	-35425,715	21395,211	11062,708	0,453	-4,269
152,500	34545,771	-35004,972	21443,285	11087,854	0,414	-4,260
153,000	34032,669	-34515,297	21491,468	11113,034	0,409	-4,267
153,500	33345,976	-33956,232	21539,758	11138,249	0,372	-4,258
154,000	32697,357	-33327,317	21588,157	11163,495	0,368	-4,265
154,500	31877,720	-32628,091	21636,665	11188,772	0,333	-4,258
155,000	31093,788	-31858,088	21685,282	11214,086	0,330	-4,266
155,500	30141,240	-31016,844	21734,008	11239,434	0,298	-4,260
156,000	29222,240	-30103,890	21782,843	11264,810	0,298	-4,269
156,500	28136,818	-29118,755	21831,789	11290,224	0,269	-4,265
157,000	27083,037	-28060,967	21880,844	11315,669	0,272	-4,275
157,500	25864,784	-26930,052	21930,010	11341,148	0,247	-4,273
158,000	24676,549	-25725,533	21979,285	11366,659	0,253	-4,285
158,500	23325,515	-24446,931	22028,672	11392,202	0,233	-4,285
159,000	22003,193	-23093,766	22078,170	11417,781	0,243	-4,299
159,500	20519,432	-21665,554	22127,779	11443,390	0,228	-4,301
160,000	19063,431	-20161,811	22177,499	11469,027	0,243	-4,318
160,500	17447,003	-18582,049	22227,331	11494,704	0,234	-4,323
161,000	15857,772	-16925,779	22277,275	11520,414	0,255	-4,342
161,500	14109,434	-15192,509	22327,331	11546,156	0,252	-4,350
162,000	12432,531	-13381,745	22377,500	11571,927	0,293	-4,379
162,500	10596,049	-11492,992	22427,782	11597,732	0,310	-4,397
163,000	8786,934	-9525,751	22478,176	11623,572	0,358	-4,429
163,500	6818,002	-7479,523	22528,684	11649,443	0,382	-4,451
164,000	4877,243	-5353,804	22579,305	11675,348	0,438	-4,487
164,500	2775,946	-3148,090	22630,040	11701,283	0,471	-4,512
165,000	-7674,403	-861,874	22680,889	11727,251	-1,960	-3,364

	165,500	-9713,045	1505,354	22731,852	11753,253	-1,861	-3,420
	166,000	-11969,726	3952,152	22771,683	11773,469	-1,803	-3,455
	166,500	-14328,509	6452,659	22720,630	11746,673	-1,763	-3,465
<b>SVARME</b>	166,854	-16039,168	8149,665	22624,628	11696,731	-1,648	-3,095
	167,208	-17782,345	9691,503	22529,033	11647,038	-1,702	-3,053
	167,563	-19559,018	11080,136	22433,840	11597,509	-1,803	-2,989
	167,917	-21369,462	12317,377	22339,050	11548,182	-1,953	-2,901
	168,271	-23214,417	13405,042	22244,662	11499,096	-2,149	-2,791
	168,625	-25093,594	14345,020	22150,671	11450,180	-2,393	-2,659
		169,021	-27235,505	15222,990	22046,093	11395,767	-2,281
	169,417	-29423,072	15921,234	21942,007	11341,582	-2,592	-1,928
	169,813	-31656,659	16442,203	21838,414	11287,670	-2,949	-1,743
	170,208	-33936,484	16788,378	21735,311	11234,000	-3,352	-1,536
	170,604	-36264,962	16962,202	21632,692	11180,572	-3,802	-1,307
<b>SVARMA</b>	171,000	-38642,811	16966,081	21530,560	11127,396	-4,297	-1,057
	171,396	-36275,639	16802,417	21428,910	11074,174	-3,840	-1,260
	171,792	-33957,451	16473,568	21327,738	11021,200	-3,427	-1,442
	172,188	-31687,179	15981,902	21227,046	10968,471	-3,058	-1,603
	172,583	-29464,340	15329,737	21126,829	10915,985	-2,732	-1,744
	172,979	-27286,925	14519,356	21027,083	10863,756	-2,449	-1,864
	173,375	-25155,167	13553,082	20927,810	10811,750	-2,208	-1,965
	173,729	-23285,072	12558,195	20839,382	10765,440	-2,411	-2,426
	174,083	-21449,200	11441,936	20751,331	10719,297	-2,227	-2,498
<b>SVARME</b>	174,438	-19647,289	10205,834	20663,650	10673,373	-2,083	-2,552
	174,792	-17880,251	8851,496	20576,339	10627,642	-1,979	-2,587
	175,146	-16146,157	7380,530	20489,399	10582,061	-1,913	-2,603
	175,500	-14444,580	5794,402	20402,824	10536,712	-1,885	-2,602
	176,000	-12098,620	3533,085	20357,082	10512,158	-2,033	-2,889
	176,500	-9855,875	1345,069	20311,443	10487,637	-2,018	-2,887
	177,000	-7829,960	-770,104	20265,907	10463,152	-2,046	-2,865
	177,500	2615,973	-2812,892	20220,472	10438,700	0,456	-4,048
	178,000	4704,772	-4783,750	20175,139	10414,284	0,490	-4,056
	178,500	6633,049	-6683,129	20129,908	10389,903	0,497	-4,051
	179,000	8589,482	-8511,483	20084,778	10365,555	0,534	-4,060
	179,500	10386,108	-10269,258	20039,749	10341,243	0,544	-4,056
	180,000	12210,090	-11983,770	20039,749	10340,148	0,576	-4,071
<b>SCORRE</b>	180,500	13874,498	-13518,936	19867,802	10250,317	0,610	-4,055
	181,000	15605,979	-15129,033	19912,444	10272,214	0,647	-4,081
	181,500	17178,178	-16684,208	19957,187	10294,141	0,653	-4,092
	182,000	18777,571	-18184,068	20002,030	10316,089	0,683	-4,115
	182,500	20216,534	-19628,215	20046,974	10338,058	0,682	-4,123
	183,000	21683,258	-21016,252	20092,019	10360,058	0,707	-4,143
	183,500	22988,536	-22347,778	20137,165	10382,077	0,699	-4,149
	184,000	24322,532	-23622,392	20182,412	10404,121	0,718	-4,166
	184,500	25493,718	-24839,691	20227,762	10426,191	0,705	-4,168
	185,000	26694,931	-25999,269	20273,213	10448,286	0,718	-4,183

185,500	27731,658	-27100,718	20318,766	10470,404	0,700	-4,183
186,000	28800,038	-28143,630	20364,421	10492,542	0,708	-4,196
186,500	29701,979	-29127,594	20410,180	10514,710	0,684	-4,193
187,000	30637,484	-30052,196	20456,041	10536,899	0,688	-4,204
187,500	31404,354	-30917,023	20502,005	10559,110	0,660	-4,199
188,000	32206,946	-31721,657	20548,072	10581,350	0,660	-4,208
188,500	32838,499	-32465,679	20594,243	10603,610	0,627	-4,201
189,000	33508,146	-33148,671	20640,517	10625,895	0,624	-4,208
189,500	34004,178	-33770,208	20686,896	10648,202	0,587	-4,199
190,000	34540,854	-34329,867	20733,378	10670,534	0,581	-4,205
190,500	34901,201	-34827,222	20779,966	10692,890	0,541	-4,195
191,000	35304,886	-35261,845	20826,657	10715,268	0,532	-4,200
191,500	35529,424	-35633,306	20873,454	10737,670	0,489	-4,188
192,000	35800,103	-35941,172	20920,356	10760,094	0,479	-4,192
192,500	35888,750	-36185,010	20967,363	10782,546	0,433	-4,179
193,000	36026,415	-36364,384	21014,476	10805,014	0,421	-4,182
193,500	35979,150	-36478,856	21061,695	10827,510	0,374	-4,169
194,000	35866,954	-36527,987	21109,020	10850,031	0,326	-4,155
194,500	35800,551	-36511,334	21156,451	10872,569	0,312	-4,157
195,000	35672,186	-36428,453	21203,989	10895,133	0,299	-4,160
195,500	35358,891	-36278,900	21251,634	10917,719	0,251	-4,146
196,000	35091,694	-36062,226	21299,385	10940,332	0,237	-4,148
196,500	34645,394	-35777,982	21347,244	10962,963	0,189	-4,135
197,000	34242,394	-35425,715	21395,211	10985,617	0,174	-4,137
197,500	33663,103	-35004,972	21443,285	11008,297	0,128	-4,124
198,000	33018,881	-34515,297	21491,468	11030,994	0,082	-4,111
198,500	32398,245	-33956,232	21539,758	11053,718	0,065	-4,112
199,000	31737,972	-33327,317	21588,157	11076,466	0,056	-4,117
199,500	30892,768	-32628,091	21636,665	11099,233	0,013	-4,106
200,000	30083,270	-31858,088	21685,282	11122,021	0,002	-4,110
200,500	29105,155	-31016,844	21734,008	11144,834	-0,039	-4,100
201,000	28160,599	-30103,890	21782,843	11167,670	-0,047	-4,105
201,500	27049,609	-29118,755	21831,789	11190,523	-0,084	-4,096
202,000	25970,282	-28060,967	21880,844	11213,404	-0,090	-4,103
202,500	24726,462	-26930,052	21930,010	11236,305	-0,123	-4,096
203,000	23512,692	-25725,533	21979,285	11259,224	-0,126	-4,105
203,500	22136,091	-24446,931	22028,672	11282,171	-0,154	-4,100
204,000	20788,247	-23093,766	22078,170	11305,136	-0,152	-4,111
204,500	19278,920	-21665,554	22127,779	11328,124	-0,176	-4,109
205,000	17797,411	-20161,811	22177,499	11351,134	-0,169	-4,122
205,500	16155,420	-18582,049	22227,331	11374,163	-0,187	-4,122
206,000	14540,696	-16925,779	22277,275	11397,216	-0,174	-4,138
206,500	12768,517	-15192,509	22327,331	11420,286	-0,185	-4,142
207,000	11067,410	-13381,745	22377,500	11443,384	-0,152	-4,167
207,500	9206,637	-11492,992	22427,782	11466,498	-0,143	-4,181
208,000	7373,336	-9525,751	22478,176	11489,636	-0,103	-4,210

	208,500	5380,116	-7479,523	22528,684	11512,795	-0,087	-4,227
	209,000	3415,193	-5353,804	22579,305	11535,973	-0,039	-4,260
	209,500	-6691,980	-3148,090	22630,040	11559,173	-2,392	-3,148
	210,000	-8689,270	-861,874	22680,889	11582,393	-2,306	-3,199
	210,500	-10745,812	1505,354	22731,852	11605,635	-2,213	-3,253
	211,000	-13025,966	3952,152	22771,683	11623,157	-2,163	-3,284
	211,500	-15402,746	6452,659	22720,630	11594,267	-2,128	-3,291
<b>SVARME</b>	211,854	-17126,153	8149,665	22624,628	11543,248	-1,968	-2,943
	212,208	-18882,078	9691,503	22529,033	11492,497	-2,025	-2,900
	212,563	-20671,496	11080,136	22433,840	11441,921	-2,130	-2,833
	212,917	-22494,688	12317,377	22339,050	11391,561	-2,283	-2,744
	213,271	-24352,391	13405,042	22244,662	11341,446	-2,483	-2,633
	213,625	-26244,316	14345,020	22150,671	11291,517	-2,730	-2,499
<b>SVARMA</b>	214,021	-28400,474	15222,990	22046,093	11235,983	-2,556	-1,960
	214,417	-30602,288	15921,234	21942,007	11180,694	-2,870	-1,795
	214,813	-32850,122	16442,203	21838,414	11125,688	-3,231	-1,609
	215,208	-35144,197	16788,378	21735,311	11070,944	-3,638	-1,400
	215,604	-37488,854	16962,202	21632,692	11016,449	-4,091	-1,170
	216,000	-39888,304	16966,081	21530,560	10962,224	-4,590	-0,917
	216,396	-37469,771	16802,417	21428,910	10916,622	-4,121	-1,126
	216,792	-35100,222	16473,568	21327,738	10871,204	-3,696	-1,314
	217,188	-32778,589	15981,902	21227,046	10825,957	-3,315	-1,481
	217,583	-30504,374	15329,737	21126,829	10780,886	-2,977	-1,627
	217,979	-28275,598	14519,356	21027,083	10736,008	-2,681	-1,754
	218,375	-26092,478	13553,082	20927,810	10691,287	-2,428	-1,860
<b>SVARME</b>	218,729	-24176,424	12558,195	20839,382	10651,440	-2,670	-2,302
	219,083	-22294,592	11441,936	20751,331	10611,703	-2,473	-2,381
	219,438	-20446,737	10205,834	20663,650	10572,135	-2,315	-2,441
	219,792	-18633,740	8851,496	20576,339	10532,709	-2,197	-2,482
	220,146	-16853,686	7380,530	20489,399	10493,381	-2,118	-2,505
	220,500	-15106,150	5794,402	20402,824	10454,236	-2,076	-2,510
<b>SCORE</b>	221,000	-12695,310	3533,085	20357,082	10438,075	-2,232	-2,794
	221,500	-10397,811	1345,069	20311,443	10421,909	-2,199	-2,801
	222,000	-8305,755	-770,104	20265,907	10405,743	-2,205	-2,790
	222,500	-6272,949	-2812,892	20220,472	10389,576	-2,207	-2,780
	223,000	4257,337	-4783,750	20175,139	10373,403	0,344	-3,987
	223,500	6279,970	-6683,129	20129,908	10357,230	0,382	-3,996
	224,000	8330,647	-8511,483	20084,778	10341,055	0,449	-4,019
	224,500	10221,564	-10269,258	20039,749	10324,879	0,490	-4,030
	225,000	12139,767	-11983,770	20039,749	10331,864	0,553	-4,060
	225,500	13898,396	-13515,902	19863,343	10247,814	0,618	-4,058
	226,000	15708,629	-15125,638	19907,976	10277,735	0,681	-4,096
	226,500	17359,333	-16680,464	19952,708	10307,719	0,712	-4,120
	227,000	19037,251	-18179,987	19997,541	10337,759	0,769	-4,155
	227,500	20554,651	-19623,810	20042,475	10367,862	0,794	-4,176
228,000	22099,880	-21011,535	20087,510	10398,026	0,844	-4,208	

228,500	23483,529	-22342,763	20132,646	10428,251	0,863	-4,226
229,000	24896,007	-23617,091	20177,883	10458,537	0,907	-4,255
229,500	26145,502	-24834,117	20223,222	10488,881	0,920	-4,270
230,000	27425,175	-25993,434	20268,663	10519,289	0,959	-4,297
230,500	28540,151	-27094,636	20314,206	10549,760	0,966	-4,309
231,000	29686,970	-28137,314	20359,851	10580,288	1,001	-4,334
231,500	30667,107	-29121,057	20405,599	10610,879	1,003	-4,344
232,000	31681,030	-30045,452	20451,450	10641,532	1,033	-4,367
232,500	32526,047	-30910,084	20497,403	10672,244	1,030	-4,374
233,000	33407,037	-31714,538	20543,460	10703,021	1,056	-4,396
233,500	34116,695	-32458,393	20589,621	10733,856	1,049	-4,401
234,000	34864,722	-33141,231	20635,885	10764,755	1,072	-4,421
234,500	35438,824	-33762,629	20682,253	10795,715	1,061	-4,424
235,000	36053,863	-34322,163	20728,725	10826,737	1,081	-4,442
235,500	36492,253	-34819,406	20775,302	10857,821	1,067	-4,445
236,000	36974,285	-35253,932	20821,984	10888,967	1,084	-4,462
236,500	37276,849	-35625,309	20868,770	10920,173	1,067	-4,462
237,000	37625,861	-35933,106	20915,661	10951,444	1,083	-4,479
237,500	37792,527	-36176,889	20962,658	10982,774	1,063	-4,478
238,000	38008,512	-36356,223	21009,760	11014,168	1,077	-4,494
238,500	38039,567	-36470,669	21056,969	11045,624	1,056	-4,493
239,000	38122,205	-36519,789	21104,283	11077,143	1,069	-4,508
239,500	38020,231	-36503,140	21151,703	11108,724	1,047	-4,506
240,000	37966,955	-36420,278	21199,231	11140,367	1,059	-4,521
240,500	37731,958	-36270,758	21246,864	11172,071	1,037	-4,520
241,000	37542,825	-36054,133	21294,605	11203,842	1,048	-4,534
241,500	37174,816	-35769,952	21342,454	11235,671	1,027	-4,533
242,000	36849,924	-35417,765	21390,409	11267,565	1,038	-4,547
242,500	36348,919	-34997,116	21438,473	11299,521	1,018	-4,547
243,000	35888,411	-34507,551	21486,644	11331,538	1,030	-4,562
243,500	35254,433	-33948,612	21534,924	11363,623	1,011	-4,562
244,000	34658,490	-33319,838	21583,312	11395,768	1,024	-4,577
244,500	33891,567	-32620,768	21631,809	11427,975	1,007	-4,578
245,000	33160,412	-31850,939	21680,415	11460,246	1,022	-4,595
245,500	32260,579	-31009,883	21729,130	11492,583	1,008	-4,597
246,000	31394,478	-30097,134	21777,955	11524,979	1,025	-4,615
246,500	30361,776	-29112,220	21826,889	11557,440	1,014	-4,619
247,000	29361,035	-28054,669	21875,934	11589,962	1,034	-4,638
247,500	28195,510	-26924,008	21925,088	11622,553	1,027	-4,644
248,000	27060,477	-25719,759	21974,353	11655,204	1,052	-4,664
248,500	25762,181	-24441,444	22023,729	11687,917	1,049	-4,673
249,000	24493,247	-23088,583	22073,215	11720,696	1,077	-4,695
249,500	23062,238	-21660,692	22122,813	11753,541	1,080	-4,706
250,000	21659,832	-20157,286	22172,522	11786,445	1,113	-4,731
250,500	20096,175	-18577,879	22222,343	11819,415	1,122	-4,745
251,000	18560,771	-16921,980	22272,276	11852,447	1,161	-4,773

	251,500	16890,869	-15189,099	22322,321	11885,547	1,183	-4,793
	252,000	15270,116	-13378,742	22372,478	11918,710	1,243	-4,831
	252,500	13488,512	-11490,413	22422,748	11951,934	1,278	-4,857
	253,000	11735,831	-9523,614	22473,132	11985,224	1,345	-4,899
	253,500	9821,806	-7477,844	22523,628	12018,581	1,388	-4,929
	254,000	7937,793	-5352,603	22574,238	12051,997	1,463	-4,974
	254,500	5891,435	-3147,383	22624,961	12085,481	1,514	-5,008
	255,000	3876,729	-861,680	22675,799	12119,026	1,598	-5,058
	255,500	1742,050	1505,016	22726,750	12152,638	1,671	-5,102
	256,000	-8068,641	3951,265	22766,572	12180,302	-0,520	-4,066
	256,500	-10364,224	6451,211	22715,531	12159,319	-0,459	-4,085
<b>SVARME</b>	256,854	-12030,121	8147,836	22619,550	12112,378	-0,509	-3,637
	257,208	-13728,535	9689,328	22523,977	12065,656	-0,550	-3,601
	257,563	-15460,424	11077,649	22428,806	12019,061	-0,640	-3,542
	257,917	-17226,105	12314,613	22334,036	11972,640	-0,777	-3,461
	258,271	-19026,297	13402,034	22239,670	11926,426	-0,961	-3,357
	258,625	-20860,712	14341,801	22145,700	11880,348	-1,193	-3,230
<b>SVARMA</b>	259,021	-22952,586	15219,574	22041,146	11829,073	-1,300	-2,558
	259,417	-25090,117	15917,661	21937,083	11777,987	-1,600	-2,400
	259,813	-27291,109	16438,513	21833,514	11727,132	-1,950	-2,218
	260,208	-29557,704	16784,611	21730,433	11676,483	-2,350	-2,013
	260,604	-31886,588	16958,395	21627,837	11626,038	-2,799	-1,784
	261,000	-34265,540	16962,274	21525,728	11575,805	-3,293	-1,534
	261,396	-32016,642	16798,646	21424,101	11394,906	-2,887	-1,713
	261,792	-29816,728	16469,871	21322,952	11215,452	-2,525	-1,871
	262,188	-27664,729	15978,315	21222,282	11037,427	-2,207	-2,008
	262,583	-25560,100	15326,297	21122,088	10860,823	-1,932	-2,124
	262,979	-23500,959	14516,097	21022,364	10685,649	-1,699	-2,221
263,375	-21487,474	13550,041	20923,113	10511,862	-1,507	-2,298	
<b>SVARME</b>	263,729	-19723,183	12555,377	20834,706	10357,566	-1,599	-2,812
	264,083	-17993,114	11439,368	20746,674	10204,353	-1,470	-2,858
	264,438	-16297,070	10203,544	20659,012	10052,271	-1,381	-2,886
	264,792	-14635,837	8849,510	20571,721	9901,291	-1,331	-2,895
	265,146	-13026,286	7378,873	20484,801	9751,363	-1,323	-2,883
	265,500	-11475,951	5793,102	20398,245	9602,560	-1,361	-2,850
<b>SCORRE</b>	265,950	-9653,922	3755,067	20357,082	9446,708	-1,556	-3,116
	266,400	-7879,887	1776,431	20316,003	9291,432	-1,658	-3,060
	266,850	2547,610	-143,142	20275,006	9136,725	0,836	-4,240
	267,300	4300,242	-2003,984	20234,092	8982,585	0,763	-4,197
	267,750	6017,324	-3806,430	20193,260	8829,012	0,697	-4,158
	268,200	7681,291	-5550,808	20152,511	8676,007	0,633	-4,120
	268,650	9273,902	-7237,448	20111,844	8523,562	0,565	-4,080
	269,100	10848,549	-8866,679	20071,259	8371,680	0,509	-4,045
	269,550	12316,563	-10438,828	20030,756	8220,360	0,438	-4,004
	270,000	13801,617	-11978,392	20030,756	8085,911	0,381	-3,977
270,450	15152,684	-14837,903	22069,047	8760,571	-0,129	-4,120	

270,900	16520,843	-16456,109	22113,671	8629,820	-0,248	-4,072
271,350	17781,732	-18024,961	22158,386	8498,483	-0,384	-4,015
271,800	19024,577	-19544,137	22203,191	8366,560	-0,512	-3,963
272,250	20195,221	-21013,318	22248,087	8234,048	-0,646	-3,908
272,700	21312,119	-22432,182	22293,073	8100,946	-0,781	-3,852
273,150	22392,798	-23800,406	22338,151	7967,252	-0,913	-3,798
273,600	23382,795	-25117,666	22383,320	7832,964	-1,056	-3,738
274,050	24374,124	-26383,635	22428,580	7698,083	-1,184	-3,686
274,500	25235,959	-27597,987	22473,931	7562,601	-1,335	-3,622
274,950	26128,390	-28760,394	22519,374	7426,520	-1,462	-3,570
275,400	26889,017	-29870,524	22564,909	7289,838	-1,612	-3,507
275,850	27654,262	-30928,049	22610,537	7152,552	-1,746	-3,452
276,300	28324,663	-31932,633	22656,256	7014,660	-1,893	-3,391
276,750	28961,339	-32883,945	22702,068	6876,164	-2,034	-3,333
277,200	29542,607	-33781,649	22747,972	6737,055	-2,175	-3,274
277,650	30049,056	-34625,408	22793,970	6597,336	-2,323	-3,212
278,100	30542,567	-35414,884	22840,060	6457,004	-2,459	-3,156
278,550	30916,878	-36149,737	22886,244	6316,056	-2,614	-3,091
279,000	31324,270	-36829,628	22932,521	6174,492	-2,744	-3,038
279,450	31574,888	-37454,214	22978,891	6032,308	-2,903	-2,971
279,900	31862,266	-38023,151	23025,355	5889,506	-3,036	-2,916
280,350	32024,268	-38536,094	23071,914	5746,079	-3,189	-2,852
280,800	32179,412	-38992,698	23118,566	5602,026	-3,328	-2,795
281,250	32256,978	-39392,614	23165,313	5457,347	-3,473	-2,735
281,700	32278,363	-39735,494	23212,154	5312,039	-3,618	-2,675
282,150	32268,235	-40020,986	23259,090	5166,100	-3,756	-2,618
282,600	32157,932	-40248,738	23306,121	5019,530	-3,906	-2,555
283,050	32057,616	-40418,398	23353,247	4872,323	-4,036	-2,502
283,500	31817,904	-40529,610	23400,468	4724,480	-4,191	-2,437
284,000	31588,278	-40555,854	23447,785	4558,459	-4,323	-2,383
284,500	31191,237	-40506,054	23515,898	4395,636	-4,483	-2,320
285,000	30821,518	-40236,037	23521,356	4220,568	-4,566	-2,282
285,500	30290,771	-39729,444	23453,226	4032,782	-4,620	-2,243
286,000	29780,638	-39114,327	23385,295	3846,069	-4,636	-2,222
286,500	29116,141	-38391,642	23317,559	3660,422	-4,665	-2,196
287,000	28465,296	-37562,338	23250,021	3475,836	-4,658	-2,186
287,500	27667,008	-36627,358	23182,677	3292,307	-4,664	-2,171
288,000	26875,181	-35587,641	23115,529	3109,830	-4,636	-2,171
288,500	25943,066	-34444,120	23048,575	2928,401	-4,618	-2,167
289,000	25010,012	-33197,721	22981,815	2748,015	-4,570	-2,177
289,500	23944,036	-31849,367	22915,249	2568,667	-4,531	-2,183
290,000	22869,537	-30399,974	22848,875	2390,351	-4,464	-2,203
290,500	21669,670	-28850,454	22782,694	2213,067	-4,404	-2,219
291,000	20453,534	-27201,711	22716,704	2036,807	-4,319	-2,247
291,500	19119,751	-25454,647	22650,906	1861,567	-4,240	-2,272
292,000	17761,810	-23610,156	22585,298	1687,344	-4,138	-2,308

	292,500	16294,088	-21669,129	22519,880	1514,131	-4,040	-2,342
<b>SVARME</b>	292,854	15237,787	-20192,237	22424,726	1389,004	-3,523	-2,168
	293,208	14133,635	-18674,244	22329,976	1264,957	-3,437	-2,192
	293,563	12988,370	-17115,664	22235,624	1141,901	-3,352	-2,217
	293,917	11823,649	-15517,132	22141,671	1019,871	-3,261	-2,244
	294,271	10608,820	-13879,285	22048,117	898,903	-3,172	-2,271
	294,625	9354,994	-12202,611	21954,956	778,905	-3,083	-2,297
<b>SVARMA</b>	295,021	7912,015	-10283,537	21851,303	646,011	-2,492	-1,962
	295,417	6423,380	-8317,494	21748,136	514,319	-2,410	-1,987
	295,813	4888,725	-6305,374	21645,459	383,914	-2,328	-2,011
	296,208	3307,800	-4247,911	21543,267	254,742	-2,246	-2,035
	296,604	1678,392	-2145,829	21441,554	126,737	-2,164	-2,060
	297,000	0,000	0,000	21441,554	0,000	-2,093	-2,093



**Anexo G – Estado limite de largura de fendas (Longo prazo)**

Secção	$A_c$ [m <sup>2</sup> ]	$I_c$ [m <sup>4</sup> ]	$V_{sup}$ [m]	$V_{inf}$ [m]	$f_{ctm}$ [MPa]
<b>Secção corrente (SCORRE)</b>	7,792	6,821	0,968	2,032	3,200
<b>Secção var. menor (SVARME)</b>	8,608	7,893			
<b>Secção var. maior (SVARMA)</b>	10,243	9,767			

	Posição (x)	$M_{freq}$ [kN.m]	$M_{PE,iso,\infty}$ [kN.m]	$P_\infty$ [kN]	$M_{PE,hip,\infty}$ [kN.m]	$\sigma_{inf}$ [MPa]	$\sigma_{sup}$ [MPa]
<b>SVARMA</b>	0,000	0,000	0,000	19474,104	0,000	-1,901	-1,901
	0,396	1632,630	-1706,602	19518,875	144,376	-1,891	-1,913
	0,792	3216,277	-3371,995	19563,748	289,620	-1,882	-1,923
	1,188	4747,350	-4996,493	19608,726	435,724	-1,876	-1,933
	1,583	6227,244	-6580,392	19653,807	582,791	-1,871	-1,942
	1,979	7666,848	-8123,815	19698,991	730,914	-1,866	-1,950
	2,375	9045,338	-9626,711	19744,280	880,065	-1,866	-1,957
<b>SVARME</b>	2,729	10248,251	-10880,865	19789,672	1010,899	-2,202	-2,345
	3,083	11416,288	-12154,588	19830,375	1145,963	-2,199	-2,354
	3,438	12534,682	-13396,329	19871,161	1282,068	-2,200	-2,360
	3,792	13632,692	-14605,447	19912,031	1419,161	-2,198	-2,368
	4,146	14690,053	-15781,653	19952,986	1557,234	-2,198	-2,375
	4,500	15699,562	-16924,639	19994,024	1696,358	-2,201	-2,381
<b>SCORREN</b>	5,000	17101,225	-18425,492	20035,147	1890,591	-2,403	-2,652
	5,500	18393,108	-19913,376	20093,347	2090,853	-2,409	-2,660
	6,000	19660,833	-21329,844	20151,716	2292,986	-2,400	-2,675
	6,500	20810,911	-22674,988	20210,255	2497,134	-2,405	-2,684
	7,000	21944,719	-23944,041	20268,964	2702,914	-2,392	-2,701
	7,500	22953,160	-25137,978	20327,843	2910,558	-2,393	-2,712
	8,000	23953,077	-26251,031	20386,893	3119,531	-2,372	-2,733
	8,500	24820,073	-27285,294	20446,115	3330,193	-2,366	-2,747
	9,000	25686,129	-28234,015	20505,509	3541,835	-2,335	-2,773
	9,500	26411,898	-29100,555	20565,075	3754,979	-2,322	-2,791
	10,000	27144,127	-29877,224	20624,815	3968,729	-2,279	-2,822
	10,500	27728,914	-30568,715	20684,728	4183,784	-2,254	-2,845
	11,000	28327,352	-31166,473	20744,815	4399,057	-2,198	-2,884
	11,500	28771,428	-31676,521	20805,076	4615,445	-2,160	-2,913
	12,000	29236,116	-32089,543	20865,513	4831,654	-2,088	-2,959
	12,500	29539,776	-32412,827	20926,125	5048,804	-2,037	-2,994
	13,000	29870,759	-32636,442	20986,913	5265,385	-1,949	-3,048
	13,500	30034,326	-32768,819	21047,878	5482,749	-1,882	-3,091
13,950	30214,585	-32826,536	21109,020	5679,791	-1,795	-3,144	
14,400	30255,450	-32804,519	21151,703	5872,052	-1,725	-3,186	
14,850	30306,300	-32729,395	21194,473	6063,934	-1,635	-3,237	

	15,300	30256,975	-32606,288	21237,329	6256,367	-1,562	-3,280
	15,750	30176,138	-32431,822	21280,272	6448,724	-1,482	-3,326
	16,200	30039,119	-32207,075	21323,301	6641,205	-1,404	-3,371
	16,650	29824,523	-31932,936	21366,418	6834,002	-1,334	-3,413
	17,100	29603,067	-31606,166	21409,622	7026,421	-1,251	-3,460
	17,550	29256,237	-31231,988	21452,913	7219,610	-1,191	-3,497
	18,000	28946,166	-30803,341	21496,292	7411,961	-1,104	-3,547
	18,450	28479,322	-30328,453	21539,758	7605,418	-1,049	-3,581
	18,900	28045,559	-29799,460	21583,312	7798,059	-0,969	-3,628
	19,350	27492,595	-29222,555	21626,955	7991,459	-0,910	-3,664
	19,800	26926,693	-28593,625	21670,685	8184,540	-0,839	-3,706
	20,250	26285,972	-27915,090	21714,504	8377,975	-0,776	-3,745
	20,700	25589,844	-27186,279	21758,412	8571,599	-0,714	-3,782
	21,150	24859,990	-26406,588	21802,408	8765,234	-0,648	-3,822
	21,600	24035,292	-25578,016	21846,494	8959,574	-0,594	-3,856
	22,050	23215,213	-24697,666	21890,668	9153,665	-0,524	-3,898
	22,500	22209,550	-23770,831	21934,932	9349,533	-0,495	-3,920
	22,950	21342,042	-22789,117	21979,285	9544,006	-0,409	-3,970
	23,400	20291,261	-21760,673	22023,729	9740,433	-0,362	-4,000
	23,850	19241,811	-20681,087	22068,261	9937,120	-0,301	-4,038
	24,300	18101,679	-19552,268	22112,884	10135,108	-0,251	-4,070
	24,750	16925,328	-18373,042	22157,598	10334,062	-0,196	-4,105
	25,200	15695,232	-17143,582	22202,401	10534,347	-0,143	-4,139
	25,650	14392,935	-15863,853	22247,295	10736,333	-0,095	-4,170
	26,100	13072,593	-14532,869	22292,280	10939,837	-0,037	-4,206
	26,550	11644,981	-13151,081	22337,356	11145,799	0,005	-4,235
	27,000	10234,462	-11716,830	22382,523	11353,648	0,068	-4,273
	27,450	8689,955	-10230,447	22427,782	11564,677	0,108	-4,301
	27,900	7162,489	-8690,154	22473,132	11778,344	0,170	-4,339
	28,350	5528,389	-7095,426	22518,573	11995,673	0,217	-4,370
	28,800	3876,325	-5444,682	22564,107	12216,649	0,276	-4,407
	29,250	-6710,157	-3744,609	22609,732	12468,734	-2,302	-3,187
	29,700	-8399,666	-1971,484	22655,450	12686,080	-2,218	-3,236
	30,150	-10137,168	-140,862	22701,260	12907,782	-2,130	-3,287
	30,600	-11922,663	1749,182	22747,163	13134,330	-2,037	-3,339
	31,050	-13756,151	3700,932	22776,794	13366,530	-1,937	-3,393
	31,500	-15637,632	5699,629	22730,831	13563,543	-1,837	-3,432
<b>SVARME</b>	31,854	-17234,759	7245,763	22634,786	13734,420	-1,665	-3,089
	32,208	-18891,100	8618,690	22539,149	13831,496	-1,702	-3,055
	32,563	-20599,612	9854,454	22443,913	13925,343	-1,789	-2,997
	32,917	-22341,961	10953,425	22349,080	14015,167	-1,920	-2,919
	33,271	-24118,821	11915,964	22254,650	14100,237	-2,097	-2,818
	33,625	-25929,903	12742,664	22160,616	14179,903	-2,319	-2,696
<b>SVARMA</b>	34,021	-27995,684	13589,148	22055,992	14325,933	-2,170	-2,145
	34,417	-30107,122	14192,906	21951,859	14403,954	-2,457	-1,994
	34,813	-32264,579	14632,058	21848,220	14475,453	-2,790	-1,820

	35,208	-34468,342	14909,329	21745,070	14540,509	-3,167	-1,626
	35,604	-36720,553	15027,918	21642,405	14599,406	-3,589	-1,410
	36,000	-39021,747	14991,506	21540,227	14652,688	-4,054	-1,174
	36,396	-36591,291	14870,259	21438,532	14588,202	-3,577	-1,386
	36,792	-34210,903	14598,820	21337,314	14520,635	-3,142	-1,579
	37,188	-31892,170	14178,199	21236,576	14449,331	-2,753	-1,750
	37,583	-29640,307	13609,916	21136,315	14373,896	-2,408	-1,899
	37,979	-27451,273	12896,014	21036,523	14294,206	-2,108	-2,028
	38,375	-25307,894	12039,104	20937,206	14210,351	-1,848	-2,137
<b>SVARME</b>	38,729	-23427,398	11087,124	20848,739	14070,174	-1,977	-2,634
	39,083	-21581,123	10097,523	20760,648	13989,130	-1,767	-2,719
	39,438	-19768,827	9000,573	20672,928	13904,798	-1,594	-2,786
	39,792	-17991,387	7799,083	20585,577	13817,736	-1,458	-2,836
	40,146	-16246,891	6495,913	20498,598	13728,653	-1,357	-2,869
	40,500	-14534,912	5093,712	20411,985	13638,500	-1,291	-2,886
<b>SCORRE</b>	41,000	-12174,270	3082,930	20366,223	13497,943	-1,301	-3,239
	41,500	-9878,560	1172,271	20320,563	13429,579	-1,201	-3,278
	42,000	-7795,500	-670,486	20275,006	13364,053	-1,143	-3,297
	42,500	-5815,608	-2447,029	20229,551	13301,513	-1,095	-3,311
	43,000	4092,394	-4146,392	20184,197	13201,780	1,326	-4,456
	43,500	6041,465	-5782,872	20138,946	13128,284	1,404	-4,484
	44,000	8020,548	-7353,420	20093,796	13056,907	1,510	-4,526
	44,500	9838,287	-8859,898	20048,747	12988,406	1,588	-4,555
	45,000	11684,949	-10301,935	20048,747	12920,356	1,688	-4,603
	45,500	13370,759	-11716,365	19867,802	12892,533	1,784	-4,614
	46,000	15105,719	-12933,998	19912,444	12725,169	1,882	-4,670
	46,500	16706,180	-14259,493	19957,187	12728,953	1,960	-4,715
	47,000	18334,896	-15537,588	20002,030	12733,186	2,060	-4,771
	47,500	19802,358	-16770,825	20046,974	12739,920	2,126	-4,811
	48,000	21298,425	-17956,160	20092,019	12746,704	2,215	-4,862
	48,500	22632,417	-19096,837	20137,165	12755,912	2,269	-4,896
	49,000	23995,772	-20188,785	20182,412	12764,789	2,347	-4,942
	49,500	25195,862	-21236,017	20227,762	12776,008	2,390	-4,971
	50,000	26426,445	-22233,429	20273,213	12786,532	2,457	-5,011
	50,500	27492,244	-23185,850	20318,766	12799,319	2,488	-5,035
	51,000	28590,003	-24087,157	20364,421	12811,069	2,544	-5,071
	51,500	29521,162	-24943,018	20410,180	12825,009	2,565	-5,089
	52,000	30486,053	-25746,324	20456,041	12837,597	2,611	-5,120
	52,500	31282,265	-26503,592	20502,005	12852,314	2,621	-5,133
	53,000	32114,246	-27206,772	20548,072	12865,390	2,658	-5,159
	53,500	32775,247	-27863,212	20594,243	12880,542	2,658	-5,168
	54,000	33474,283	-28463,988	20640,517	12893,793	2,685	-5,190
	54,500	33999,849	-29017,241	20686,896	12909,076	2,675	-5,194
55,000	34565,911	-29513,249	20733,378	12922,228	2,694	-5,212	
55,500	34955,860	-29960,899	20779,966	12937,376	2,675	-5,212	
56,000	35388,927	-30349,754	20826,657	12950,190	2,686	-5,226	

	56,500	35643,118	-30689,377	20873,454	12964,975	2,659	-5,222
	57,000	35943,173	-30968,725	20920,356	12977,247	2,663	-5,232
	57,500	36061,507	-31197,941	20967,363	12991,474	2,628	-5,225
	58,000	36228,538	-31365,498	21014,476	13003,038	2,626	-5,232
	58,500	36210,958	-31482,012	21061,695	13016,549	2,584	-5,221
	59,000	36244,961	-31535,603	21109,020	13027,277	2,575	-5,226
	59,500	36094,034	-31537,114	21156,451	13039,895	2,527	-5,212
	60,000	35992,426	-31474,830	21203,989	13049,744	2,512	-5,214
	60,500	35708,471	-31359,295	21251,634	13061,379	2,459	-5,198
	61,000	35470,965	-31179,276	21299,385	13070,305	2,439	-5,197
	61,500	35053,990	-30944,847	21347,244	13080,912	2,381	-5,179
	62,000	34680,658	-30645,392	21395,211	13088,905	2,356	-5,176
	62,500	34130,677	-30290,408	21443,285	13098,490	2,294	-5,156
	63,000	33621,633	-29870,001	21491,468	13105,588	2,264	-5,150
	63,500	32938,663	-29392,997	21539,758	13114,211	2,199	-5,129
	64,000	32294,064	-28850,309	21588,157	13120,509	2,164	-5,121
	64,500	31478,130	-28250,008	21636,665	13128,288	2,096	-5,098
	65,000	30698,172	-27583,877	21685,282	13133,947	2,057	-5,089
	65,500	29749,306	-26859,165	21734,008	13141,075	1,987	-5,064
	66,000	28834,227	-26068,564	21782,843	13146,334	1,945	-5,054
	66,500	27752,466	-25218,442	21831,789	13153,086	1,872	-5,028
	67,000	26702,547	-24302,418	21880,844	13158,272	1,827	-5,016
	67,500	25487,932	-23325,930	21930,010	13165,015	1,752	-4,990
	68,000	24303,495	-22283,509	21979,285	13170,560	1,705	-4,977
	68,500	22956,075	-21179,622	22028,672	13177,775	1,628	-4,949
	69,000	21637,483	-20009,673	22078,170	13184,221	1,579	-4,935
	69,500	20157,312	-18777,125	22127,779	13192,506	1,502	-4,908
	70,000	18704,970	-17478,175	22177,499	13200,523	1,452	-4,894
	70,500	17092,109	-16115,260	22227,331	13210,601	1,374	-4,866
	71,000	15506,463	-14685,259	22277,275	13220,985	1,324	-4,852
	71,500	13761,288	-13189,563	22327,331	13233,708	1,247	-4,825
	72,000	12067,717	-11625,428	22377,500	13247,205	1,206	-4,815
	72,500	10214,571	-9993,446	22427,782	13263,419	1,139	-4,792
	73,000	8388,712	-8291,354	22478,176	13281,355	1,101	-4,783
	73,500	6403,093	-6518,476	22528,684	13302,367	1,037	-4,763
	74,000	4445,517	-4672,650	22579,305	13325,876	1,005	-4,757
	74,500	-6019,710	-2756,445	22630,040	13373,132	-1,535	-3,557
	75,000	-7987,458	-755,288	22680,889	13388,554	-1,527	-3,570
	75,500	-10014,458	1320,685	22731,852	13407,764	-1,513	-3,586
	76,000	-12246,898	3474,021	22771,683	13431,022	-1,535	-3,583
	76,500	-14592,681	5707,978	22720,630	13459,558	-1,553	-3,565
<b>SVARME</b>	76,854	-16294,134	7268,755	22624,628	13485,479	-1,480	-3,175
	77,208	-18028,105	8666,296	22529,033	13444,614	-1,566	-3,118
	77,563	-19795,555	9909,359	22433,840	13370,998	-1,709	-3,034
	77,917	-21596,793	11014,465	22339,050	13294,287	-1,897	-2,928
	78,271	-23432,542	11981,881	22244,662	13213,967	-2,130	-2,801

	78,625	-25302,513	12812,168	22150,671	13129,628	-2,409	-2,652
<b>SVARMA</b>	79,021	-27434,129	13658,412	22046,093	13091,549	-2,295	-2,085
	79,417	-29611,401	14271,503	21942,007	12997,208	-2,630	-1,910
	79,813	-31834,693	14711,000	21838,414	12891,542	-3,013	-1,713
	80,208	-34104,241	14987,410	21735,311	12782,175	-3,440	-1,494
	80,604	-36422,286	15104,093	21632,692	12669,573	-3,911	-1,255
	81,000	-38789,315	15064,898	21530,560	12554,395	-4,426	-0,995
	81,396	-36402,902	14942,647	21428,910	12519,618	-3,952	-1,206
	81,792	-34071,283	14669,474	21327,738	12482,055	-3,522	-1,396
	82,188	-31789,650	14246,534	21227,046	12441,236	-3,134	-1,567
	82,583	-29555,450	13675,402	21126,829	12396,849	-2,787	-1,717
	82,979	-27366,673	12958,099	21027,083	12348,755	-2,481	-1,849
	83,375	-25223,553	12097,122	20927,810	12296,901	-2,216	-1,961
<b>SVARME</b>	83,729	-23343,294	11140,810	20839,382	12188,839	-2,425	-2,419
	84,083	-21497,256	10140,755	20751,331	12130,071	-2,212	-2,506
	84,438	-19685,179	9039,196	20663,650	12075,200	-2,033	-2,576
	84,792	-17907,976	7832,637	20576,339	12017,790	-1,890	-2,629
	85,146	-16163,716	6523,937	20489,399	11958,438	-1,783	-2,665
	85,500	-14451,974	5115,750	20402,824	11897,965	-1,711	-2,684
<b>SCORRE</b>	86,000	-12091,663	3096,368	20357,082	11798,072	-1,778	-3,010
	86,500	-9827,978	1174,705	20311,443	11736,662	-1,688	-3,044
	87,000	-7787,905	-671,889	20265,907	11704,567	-1,634	-3,061
	87,500	-5807,083	-2452,191	20220,472	11674,941	-1,577	-3,080
	88,000	4283,621	-4155,924	20175,139	11614,433	0,909	-4,256
	88,500	6232,075	-5796,626	20129,908	11575,473	0,995	-4,288
	89,000	8208,827	-7371,454	20084,778	11538,117	1,109	-4,334
	89,500	10025,659	-8882,222	20039,749	11503,033	1,196	-4,367
	90,000	11869,963	-10328,545	20039,749	11468,120	1,304	-4,418
	90,500	13554,602	-11716,402	19867,802	11438,570	1,406	-4,434
	91,000	15310,312	-13071,939	19912,444	11435,066	1,518	-4,496
	91,500	16908,568	-14230,834	19957,187	11319,403	1,609	-4,548
	92,000	18534,090	-15506,961	20002,030	11348,084	1,716	-4,607
	92,500	19999,131	-16738,335	20046,974	11379,042	1,789	-4,650
	93,000	21491,988	-17921,920	20092,019	11410,114	1,884	-4,704
	93,500	22823,364	-19060,921	20137,165	11443,424	1,946	-4,742
	94,000	24183,496	-20151,280	20182,412	11476,515	2,030	-4,791
	94,500	25380,798	-21196,976	20227,762	11511,793	2,080	-4,823
	95,000	26608,149	-22192,918	20273,213	11546,537	2,153	-4,867
	95,500	27671,008	-23143,907	20318,766	11583,417	2,192	-4,894
	96,000	28765,528	-24043,833	20364,421	11619,459	2,255	-4,933
	96,500	29693,616	-24898,346	20410,180	11657,595	2,282	-4,954
97,000	30655,263	-25700,345	20456,041	11694,610	2,335	-4,988	
97,500	31448,292	-26456,337	20502,005	11733,677	2,352	-5,005	
98,000	32277,027	-27158,276	20548,072	11771,361	2,395	-5,034	
98,500	32934,750	-27813,510	20594,243	11811,066	2,401	-5,046	
99,000	33630,542	-28413,111	20640,517	11849,148	2,435	-5,071	

	99,500	34152,752	-28965,231	20686,896	11889,225	2,432	-5,078
	100,000	34715,574	-29460,139	20733,378	11927,460	2,458	-5,099
	100,500	35102,106	-29906,738	20779,966	11967,673	2,446	-5,103
	101,000	35531,938	-30294,579	20826,657	12005,846	2,464	-5,120
	101,500	35782,666	-30633,247	20873,454	12045,987	2,444	-5,119
	102,000	36079,492	-30911,682	20920,356	12083,914	2,455	-5,133
	102,500	36194,331	-31140,056	20967,363	12123,804	2,427	-5,129
	103,000	36358,145	-31306,821	21014,476	12161,330	2,431	-5,140
	103,500	36337,050	-31422,624	21061,695	12200,817	2,396	-5,132
	104,000	36367,847	-31475,566	21109,020	12237,820	2,394	-5,140
	104,500	36213,713	-31476,504	21156,451	12276,732	2,353	-5,130
	105,000	36108,598	-31413,749	21203,989	12313,172	2,346	-5,135
	105,500	35821,450	-31297,821	21251,634	12351,425	2,300	-5,122
	106,000	35580,443	-31117,520	21299,385	12387,248	2,286	-5,125
	106,500	35160,289	-30882,900	21347,244	12424,794	2,236	-5,110
	107,000	34783,474	-30583,379	21395,211	12459,986	2,217	-5,110
	107,500	34230,329	-30228,435	21443,285	12496,821	2,163	-5,093
	108,000	33717,828	-29808,206	21491,468	12531,412	2,140	-5,091
	108,500	33031,713	-29331,501	21539,758	12567,588	2,082	-5,073
	109,000	32383,691	-28789,263	21588,157	12601,665	2,054	-5,069
	109,500	31564,631	-28189,549	21636,665	12637,289	1,993	-5,049
	110,000	30781,292	-27524,169	21685,282	12671,002	1,962	-5,043
	110,500	29829,318	-26800,362	21734,008	12706,259	1,898	-5,022
	111,000	28910,908	-26010,846	21782,843	12739,837	1,864	-5,015
	111,500	27826,059	-25161,978	21831,789	12774,992	1,798	-4,993
	112,000	26772,864	-24247,401	21880,844	12808,758	1,760	-4,984
	112,500	25555,183	-23272,546	21930,010	12844,174	1,692	-4,961
	113,000	24367,528	-22231,963	21979,285	12878,556	1,652	-4,951
	113,500	23017,063	-21130,118	22028,672	12914,712	1,582	-4,928
	114,000	21695,317	-19962,428	22078,170	12950,258	1,541	-4,917
	114,500	20212,123	-18732,357	22127,779	12987,763	1,470	-4,893
	115,000	18756,692	-17436,112	22177,499	13025,156	1,428	-4,882
	115,500	17140,831	-16076,132	22227,331	13064,751	1,357	-4,858
	116,000	15552,163	-14649,303	22277,275	13104,817	1,314	-4,847
	116,500	13804,213	-13157,015	22327,331	13147,382	1,244	-4,823
	117,000	12123,337	-11596,432	22377,500	13190,799	1,215	-4,819
	117,500	10282,887	-9968,300	22427,782	13237,153	1,159	-4,801
	118,000	8469,791	-8270,342	22478,176	13285,483	1,133	-4,798
	118,500	6496,890	-6501,872	22528,684	13337,157	1,081	-4,783
	119,000	4552,145	-4660,711	22579,305	13391,624	1,059	-4,783
	119,500	-6023,669	-2749,471	22630,040	13470,685	-1,505	-3,571
	120,000	-8006,803	-753,366	22680,889	13517,404	-1,494	-3,586
	120,500	-10049,187	1317,300	22731,852	13568,117	-1,477	-3,604
	121,000	-12308,400	3465,040	22771,683	13623,088	-1,498	-3,601
	121,500	-14670,829	5693,087	22720,630	13683,636	-1,514	-3,584
<b>SVARME</b>	121,854	-16392,793	7272,219	22624,628	13774,300	-1,430	-3,199

	122,208	-18138,553	8687,391	22529,033	13782,226	-1,502	-3,148
	122,563	-19917,805	9955,595	22433,840	13760,066	-1,629	-3,072
	122,917	-21730,832	11065,655	22339,050	13703,594	-1,813	-2,968
	123,271	-23578,370	12037,376	22244,662	13643,228	-2,043	-2,842
	123,625	-25460,129	12871,331	22150,671	13578,524	-2,319	-2,695
<b>SVARMA</b>	124,021	-27604,926	13721,494	22046,093	13562,371	-2,219	-2,121
	124,417	-29795,378	14337,316	21942,007	13489,569	-2,552	-1,947
	124,813	-32031,850	14787,084	21838,414	13412,279	-2,929	-1,752
	125,208	-34314,565	15064,927	21735,311	13323,278	-3,355	-1,535
	125,604	-36645,790	15182,260	21632,692	13230,592	-3,825	-1,296
	126,000	-39026,000	15142,958	21530,560	13134,891	-4,338	-1,037
	126,396	-36641,410	15019,988	21428,910	13093,768	-3,866	-1,247
	126,792	-34306,190	14745,399	21327,738	13049,840	-3,437	-1,437
	127,188	-32019,025	14320,330	21227,046	13002,594	-3,049	-1,607
	127,583	-29779,295	13746,344	21126,829	12951,697	-2,704	-1,757
	127,979	-27584,987	13025,456	21027,083	12897,004	-2,399	-1,888
128,375	-25436,335	12160,169	20927,810	12838,464	-2,134	-2,000	
<b>SVARME</b>	128,729	-23551,126	11198,968	20839,382	12723,837	-2,325	-2,467
	129,083	-21700,140	10193,903	20751,331	12658,714	-2,114	-2,552
	129,438	-19883,111	9081,631	20663,650	12590,587	-1,940	-2,620
	129,792	-18100,959	7869,602	20576,339	12527,045	-1,799	-2,672
	130,146	-16351,751	6554,901	20489,399	12461,540	-1,694	-2,707
	130,500	-14635,060	5140,173	20402,824	12394,923	-1,624	-2,726
<b>SCORRE</b>	131,000	-12267,762	3111,302	20357,082	12287,052	-1,680	-3,057
	131,500	-10002,565	1180,416	20311,443	12218,070	-1,595	-3,089
	132,000	-7955,408	-673,634	20265,907	12151,731	-1,551	-3,101
	132,500	-5967,502	-2458,626	20220,472	12115,854	-1,496	-3,119
	133,000	4613,269	-4166,241	20175,139	12045,944	1,133	-4,362
	133,500	6562,543	-5810,761	20129,908	11999,622	1,215	-4,393
	134,000	8539,990	-7389,106	20084,778	11955,012	1,327	-4,438
	134,500	10357,620	-8903,105	20039,749	11912,801	1,410	-4,469
	135,000	12202,618	-10352,389	20039,749	11870,821	1,516	-4,519
	135,500	13888,036	-11742,946	19867,802	11834,428	1,615	-4,534
	136,000	15644,889	-13066,804	19912,444	11794,145	1,726	-4,595
	136,500	17242,636	-14368,353	19957,187	11787,032	1,807	-4,642
	137,000	18867,579	-15458,998	20002,030	11662,388	1,923	-4,706
	137,500	20332,095	-16685,957	20046,974	11688,557	1,996	-4,749
	138,000	21824,372	-17865,221	20092,019	11714,843	2,091	-4,803
	138,500	23155,208	-19000,008	20137,165	11743,425	2,152	-4,841
	139,000	24514,759	-20086,269	20182,412	11771,778	2,236	-4,889
	139,500	25711,509	-21127,995	20227,762	11802,374	2,286	-4,921
	140,000	26938,277	-22120,104	20273,213	11832,410	2,359	-4,965
	140,500	28000,573	-23067,407	20318,766	11864,635	2,397	-4,992
141,000	29094,510	-23963,803	20364,421	11895,988	2,459	-5,030	
141,500	30022,026	-24814,949	20410,180	11929,478	2,486	-5,051	
142,000	30983,089	-25613,753	20456,041	11961,806	2,538	-5,085	

142,500	31775,537	-26366,727	20502,005	11996,228	2,554	-5,101
143,000	32603,688	-27065,834	20548,072	12029,217	2,596	-5,130
143,500	33260,823	-27718,425	20594,243	12064,265	2,602	-5,142
144,000	33956,031	-28315,580	20640,517	12097,634	2,635	-5,166
144,500	34477,648	-28865,456	20686,896	12133,032	2,632	-5,173
145,000	35039,886	-29358,326	20733,378	12166,528	2,656	-5,194
145,500	35425,820	-29803,098	20779,966	12202,035	2,643	-5,196
146,000	35855,068	-30189,328	20826,657	12235,439	2,660	-5,213
146,500	36105,194	-30526,605	20873,454	12270,840	2,639	-5,212
147,000	36401,438	-30803,871	20920,356	12303,963	2,648	-5,225
147,500	36515,673	-31031,304	20967,363	12339,076	2,619	-5,220
148,000	36678,904	-31197,356	21014,476	12371,761	2,622	-5,231
148,500	36657,205	-31312,682	21061,695	12406,433	2,585	-5,222
149,000	36687,420	-31365,380	21109,020	12438,556	2,582	-5,230
149,500	36532,704	-31366,314	21156,451	12472,614	2,540	-5,218
150,000	36426,984	-31303,797	21203,989	12504,139	2,530	-5,223
150,500	36139,256	-31188,347	21251,634	12537,499	2,483	-5,209
151,000	35897,645	-31008,771	21299,385	12568,374	2,467	-5,211
151,500	35476,912	-30775,121	21347,244	12600,992	2,415	-5,195
152,000	35099,493	-30476,817	21395,211	12631,206	2,394	-5,194
152,500	34545,771	-30123,337	21443,285	12663,084	2,338	-5,177
153,000	34032,669	-29704,821	21491,468	12692,673	2,312	-5,174
153,500	33345,976	-29230,076	21539,758	12723,867	2,252	-5,154
154,000	32697,357	-28690,045	21588,157	12752,923	2,222	-5,149
154,500	31877,720	-28092,782	21636,665	12783,550	2,159	-5,128
155,000	31093,788	-27430,099	21685,282	12812,234	2,125	-5,121
155,500	30141,240	-26709,227	21734,008	12842,483	2,059	-5,099
156,000	29222,240	-25922,883	21782,843	12871,032	2,022	-5,090
156,500	28136,818	-25077,420	21831,789	12901,180	1,953	-5,067
157,000	27083,037	-24166,474	21880,844	12929,925	1,913	-5,057
157,500	25864,784	-23195,469	21930,010	12960,347	1,842	-5,033
158,000	24676,549	-22158,949	21979,285	12989,727	1,799	-5,021
158,500	23325,515	-21061,370	22028,672	13020,912	1,726	-4,996
159,000	22003,193	-19898,136	22078,170	13051,486	1,682	-4,984
159,500	20519,432	-18672,702	22127,779	13084,049	1,608	-4,959
160,000	19063,431	-17381,260	22177,499	13116,509	1,562	-4,946
160,500	17447,003	-16026,234	22227,331	13151,202	1,489	-4,921
161,000	15857,772	-14604,490	22277,275	13186,384	1,443	-4,908
161,500	14109,434	-13117,402	22327,331	13224,095	1,370	-4,883
162,000	12432,531	-11562,085	22377,500	13262,640	1,339	-4,878
162,500	10596,049	-9939,305	22427,782	13304,167	1,281	-4,860
163,000	8786,934	-8246,759	22478,176	13347,700	1,253	-4,856
163,500	6818,002	-6483,732	22528,684	13394,619	1,199	-4,840
164,000	4877,243	-4648,013	22579,305	13444,363	1,176	-4,838
164,500	2775,946	-2737,934	22630,040	13497,911	1,128	-4,825
165,000	-7674,403	-751,424	22680,889	13560,844	-1,381	-3,639

	165,500	-9713,045	1313,997	22731,852	13606,781	-1,366	-3,656
	166,000	-11969,726	3456,614	22771,683	13657,008	-1,390	-3,652
	166,500	-14328,509	5679,693	22720,630	13712,848	-1,407	-3,635
<b>SVARME</b>	166,854	-16039,168	7255,359	22624,628	13799,906	-1,337	-3,244
	167,208	-17782,345	8694,442	22529,033	13846,924	-1,392	-3,201
	167,563	-19559,018	9983,748	22433,840	13848,271	-1,506	-3,130
	167,917	-21369,462	11122,278	22339,050	13818,685	-1,676	-3,033
	168,271	-23214,417	12099,420	22244,662	13754,115	-1,905	-2,908
	168,625	-25093,594	12938,140	22150,671	13685,191	-2,180	-2,761
<b>SVARMA</b>	169,021	-27235,505	13791,688	22046,093	13663,284	-2,107	-2,174
	169,417	-29423,072	14411,084	21942,007	13585,717	-2,439	-2,001
	169,813	-31656,659	14863,585	21838,414	13503,666	-2,816	-1,806
	170,208	-33936,484	15151,793	21735,311	13417,404	-3,239	-1,590
	170,604	-36264,962	15270,207	21632,692	13319,886	-3,709	-1,351
	171,000	-38642,811	15231,042	21530,560	13219,363	-4,223	-1,092
	171,396	-36275,639	15106,945	21428,910	13172,661	-3,756	-1,300
	171,792	-33957,451	14830,332	21327,738	13123,140	-3,331	-1,487
	172,188	-31687,179	14402,366	21227,046	13070,299	-2,949	-1,655
	172,583	-29464,340	13824,648	21126,829	13013,819	-2,609	-1,802
	172,979	-27286,925	13099,227	21027,083	12953,561	-2,310	-1,931
	173,375	-25155,167	12228,638	20927,810	12889,483	-2,051	-2,040
<b>SVARME</b>	173,729	-23285,072	11262,710	20839,382	12770,630	-2,228	-2,513
	174,083	-21449,200	10251,561	20751,331	12700,523	-2,024	-2,595
	174,438	-19647,289	9132,679	20663,650	12627,460	-1,857	-2,660
	174,792	-17880,251	7909,082	20576,339	12551,937	-1,726	-2,707
	175,146	-16146,157	6587,565	20489,399	12481,661	-1,628	-2,739
	175,500	-14444,580	5165,624	20402,824	12410,342	-1,564	-2,754
<b>SCORRE</b>	176,000	-12098,620	3126,670	20357,082	12296,144	-1,622	-3,084
	176,500	-9855,875	1186,201	20311,443	12220,788	-1,549	-3,111
	177,000	-7829,960	-676,916	20265,907	12148,267	-1,516	-3,118
	177,500	2615,973	-2460,643	20220,472	12057,787	1,043	-4,328
	178,000	4704,772	-4176,880	20175,139	12003,218	1,144	-4,368
	178,500	6633,049	-5825,617	20129,908	11951,367	1,218	-4,394
	179,000	8589,482	-7408,090	20084,778	11901,375	1,320	-4,434
	179,500	10386,108	-8926,167	20039,749	11853,914	1,394	-4,461
	180,000	12210,090	-10379,514	20039,749	11806,825	1,491	-4,507
	180,500	13874,498	-11774,146	19867,802	11765,407	1,581	-4,518
	181,000	15605,979	-13102,159	19912,444	11720,298	1,682	-4,574
	181,500	17178,178	-14370,373	19957,187	11677,652	1,754	-4,617
	182,000	18777,571	-15618,450	20002,030	11666,089	1,850	-4,671
	182,500	20216,534	-16646,735	20046,974	11540,142	1,929	-4,717
	183,000	21683,258	-17824,505	20092,019	11561,358	2,015	-4,767
	183,500	22988,536	-18958,162	20137,165	11584,878	2,068	-4,800
	184,000	24322,532	-20043,653	20182,412	11608,196	2,143	-4,845
	184,500	25493,718	-21084,957	20227,762	11633,746	2,183	-4,873
185,000	26694,931	-22076,981	20273,213	11658,755	2,247	-4,912	

185,500	27731,658	-23024,522	20318,766	11685,928	2,276	-4,934
186,000	28800,038	-23921,459	20364,421	11712,236	2,329	-4,968
186,500	29701,979	-24773,433	20410,180	11740,647	2,347	-4,985
187,000	30637,484	-25573,330	20456,041	11767,896	2,389	-5,014
187,500	31404,354	-26327,642	20502,005	11797,191	2,396	-5,026
188,000	32206,946	-27028,308	20548,072	11825,052	2,428	-5,050
188,500	32838,499	-27682,657	20594,243	11854,910	2,425	-5,057
189,000	33508,146	-28281,744	20640,517	11883,084	2,448	-5,077
189,500	34004,178	-28833,703	20686,896	11913,217	2,435	-5,079
190,000	34540,854	-29328,780	20733,378	11941,442	2,449	-5,095
190,500	34901,201	-29775,861	20779,966	11971,597	2,427	-5,093
191,000	35304,886	-30164,473	20826,657	11999,639	2,433	-5,105
191,500	35529,424	-30504,184	20873,454	12029,591	2,402	-5,099
192,000	35800,103	-30783,909	20920,356	12057,251	2,401	-5,108
192,500	35888,750	-31013,803	20967,363	12086,806	2,362	-5,098
193,000	36026,415	-31182,292	21014,476	12113,918	2,355	-5,104
193,500	35979,150	-31300,006	21061,695	12142,912	2,308	-5,090
194,000	35866,954	-31360,632	21109,020	12171,518	2,259	-5,076
194,500	35800,551	-31358,322	21156,451	12197,643	2,242	-5,077
195,000	35672,186	-31297,773	21203,989	12223,282	2,223	-5,077
195,500	35358,891	-31184,294	21251,634	12250,688	2,166	-5,058
196,000	35091,694	-31006,532	21299,385	12275,580	2,141	-5,055
196,500	34645,394	-30774,518	21347,244	12302,084	2,078	-5,035
197,000	34242,394	-30477,659	21395,211	12326,146	2,048	-5,029
197,500	33663,103	-30125,411	21443,285	12351,730	1,982	-5,007
198,000	33018,881	-29712,342	21491,468	12376,824	1,914	-4,984
198,500	32398,245	-29234,497	21539,758	12399,912	1,872	-4,973
199,000	31737,972	-28694,427	21588,157	12422,170	1,837	-4,965
199,500	30892,768	-28097,439	21636,665	12446,070	1,764	-4,940
200,000	30083,270	-27434,774	21685,282	12467,946	1,720	-4,928
200,500	29105,155	-26713,666	21734,008	12491,206	1,644	-4,901
201,000	28160,599	-25926,834	21782,843	12512,663	1,598	-4,888
201,500	27049,609	-25080,643	21831,789	12535,519	1,519	-4,860
202,000	25970,282	-24168,740	21880,844	12556,847	1,469	-4,846
202,500	24726,462	-23196,573	21930,010	12579,626	1,389	-4,817
203,000	23512,692	-22158,710	21979,285	12601,210	1,337	-4,801
203,500	22136,091	-21059,642	22028,672	12624,351	1,255	-4,771
204,000	20788,247	-19894,816	22078,170	12646,692	1,200	-4,755
204,500	19278,920	-18667,737	22127,779	12670,746	1,117	-4,725
205,000	17797,411	-17374,657	22177,499	12694,473	1,062	-4,708
205,500	16155,420	-16018,069	22227,331	12720,126	0,978	-4,677
206,000	14540,696	-14594,921	22277,275	12746,001	0,922	-4,660
206,500	12768,517	-13106,663	22327,331	12774,049	0,839	-4,630
207,000	11067,410	-11550,535	22377,500	12802,644	0,798	-4,620
207,500	9206,637	-9927,413	22427,782	12833,843	0,730	-4,597
208,000	7373,336	-8235,120	22478,176	12866,695	0,692	-4,588

	208,500	5380,116	-6473,073	22528,684	12902,526	0,627	-4,567
	209,000	3415,193	-4639,210	22579,305	12940,782	0,593	-4,561
	209,500	-6691,980	-2736,033	22630,040	13001,492	-1,840	-3,411
	210,000	-8689,270	-749,569	22680,889	13032,443	-1,840	-3,421
	210,500	-10745,812	1310,447	22731,852	13067,044	-1,835	-3,433
	211,000	-13025,966	3446,423	22771,683	13105,525	-1,872	-3,423
	211,500	-15402,746	5661,489	22720,630	13149,177	-1,901	-3,399
<b>SVARME</b>	211,854	-17126,153	7231,754	22624,628	13228,156	-1,770	-3,037
	212,208	-18882,078	8664,918	22529,033	13266,658	-1,832	-2,991
	212,563	-20671,496	9979,262	22433,840	13302,488	-1,934	-2,926
	212,917	-22494,688	11137,808	22339,050	13293,890	-2,097	-2,833
	213,271	-24352,391	12142,073	22244,662	13255,226	-2,315	-2,712
	213,625	-26244,316	12982,346	22150,671	13182,723	-2,594	-2,564
<b>SVARMA</b>	214,021	-28400,474	13841,141	22046,093	13160,099	-2,443	-2,014
	214,417	-30602,288	14461,711	21942,007	13079,290	-2,779	-1,839
	214,813	-32850,122	14914,906	21838,414	12994,394	-3,160	-1,642
	215,208	-35144,197	15203,399	21735,311	12905,692	-3,586	-1,425
	215,604	-37488,854	15330,331	21632,692	12813,623	-4,056	-1,186
	216,000	-39888,304	15290,675	21530,560	12711,623	-4,575	-0,924
	216,396	-37469,771	15166,931	21428,910	12691,699	-4,092	-1,140
	216,792	-35100,222	14890,248	21327,738	12669,070	-3,651	-1,335
	217,188	-32778,589	14461,729	21227,046	12643,215	-3,253	-1,510
	217,583	-30504,374	13882,906	21126,829	12613,779	-2,896	-1,665
	217,979	-28275,598	13155,763	21027,083	12580,596	-2,581	-1,801
	218,375	-26092,478	12282,761	20927,810	12543,583	-2,307	-1,918
<b>SVARME</b>	218,729	-24176,424	11311,657	20839,382	12447,099	-2,529	-2,370
	219,083	-22294,592	10297,490	20751,331	12401,531	-2,307	-2,460
	219,438	-20446,737	9174,855	20663,650	12352,881	-2,122	-2,533
	219,792	-18633,740	7946,712	20576,339	12301,598	-1,975	-2,588
	220,146	-16853,686	6616,072	20489,399	12248,259	-1,863	-2,627
	220,500	-15106,150	5188,684	20402,824	12200,605	-1,783	-2,650
<b>SCORRE</b>	221,000	-12695,310	3141,124	20357,082	12118,843	-1,848	-2,976
	221,500	-10397,811	1191,883	20311,443	12075,417	-1,752	-3,014
	222,000	-8305,755	-680,249	20265,907	12034,041	-1,693	-3,033
	222,500	-6272,949	-2477,275	20220,472	11994,786	-1,628	-3,055
	223,000	4257,337	-4188,693	20175,139	11922,219	0,983	-4,291
	223,500	6279,970	-5842,266	20129,908	11899,311	1,092	-4,334
	224,000	8330,647	-7429,180	20084,778	11877,550	1,229	-4,391
	224,500	10221,564	-8951,130	20039,749	11857,649	1,339	-4,435
	225,000	12139,767	-10407,640	20039,749	11837,487	1,471	-4,498
	225,500	13898,396	-11804,692	19863,343	11822,492	1,597	-4,524
	226,000	15708,629	-13134,283	19907,976	11803,291	1,728	-4,595
	226,500	17359,333	-14403,155	19952,708	11786,062	1,831	-4,653
	227,000	19037,251	-15610,082	19997,541	11768,938	1,961	-4,723
	227,500	20554,651	-16802,384	20042,475	11784,667	2,056	-4,777
228,000	22099,880	-17755,261	20087,510	11678,872	2,196	-4,852	

228,500	23483,529	-18879,657	20132,646	11727,040	2,281	-4,901
229,000	24896,007	-19955,214	20177,883	11774,935	2,390	-4,962
229,500	26145,502	-20985,953	20223,222	11825,065	2,465	-5,006
230,000	27425,175	-21966,817	20268,663	11874,624	2,562	-5,061
230,500	28540,151	-22902,666	20314,206	11926,410	2,625	-5,100
231,000	29686,970	-23787,431	20359,851	11977,337	2,713	-5,150
231,500	30667,107	-24626,832	20405,599	12030,480	2,765	-5,183
232,000	31681,030	-25413,814	20451,450	12082,494	2,842	-5,229
232,500	32526,047	-26154,964	20497,403	12136,716	2,883	-5,257
233,000	33407,037	-26842,282	20543,460	12189,557	2,951	-5,298
233,500	34116,695	-27483,205	20589,621	12244,599	2,982	-5,321
234,000	34864,722	-28068,849	20635,885	12298,027	3,040	-5,358
234,500	35438,824	-28607,462	20682,253	12353,659	3,061	-5,377
235,000	36053,863	-29089,354	20728,725	12407,460	3,111	-5,409
235,500	36492,253	-29523,527	20775,302	12463,474	3,123	-5,424
236,000	36974,285	-29899,573	20821,984	12517,463	3,164	-5,453
236,500	37276,849	-30227,177	20868,770	12573,680	3,168	-5,463
237,000	37625,861	-30495,316	20915,661	12627,699	3,202	-5,488
237,500	37792,527	-30714,264	20962,658	12683,966	3,197	-5,495
238,000	38008,512	-30872,507	21009,760	12737,891	3,224	-5,517
238,500	38039,567	-30980,777	21056,969	12794,082	3,212	-5,520
239,000	38122,205	-31027,252	21104,283	12847,826	3,233	-5,539
239,500	38020,231	-31022,826	21151,703	12903,804	3,214	-5,539
240,000	37966,955	-30955,899	21199,231	12957,366	3,228	-5,554
240,500	37731,958	-30837,020	21246,864	13013,083	3,204	-5,552
241,000	37542,825	-30655,075	21294,605	13066,450	3,212	-5,565
241,500	37174,816	-30420,144	21342,454	13121,907	3,182	-5,560
242,000	36849,924	-30121,718	21390,409	13175,116	3,184	-5,570
242,500	36348,919	-29769,300	21438,473	13230,369	3,150	-5,563
243,000	35888,411	-29353,085	21486,644	13283,514	3,147	-5,570
243,500	35254,433	-28881,902	21534,924	13338,683	3,108	-5,561
244,000	34658,490	-28346,733	21583,312	13391,926	3,100	-5,566
244,500	33891,567	-27755,649	21631,809	13447,201	3,058	-5,555
245,000	33160,412	-27100,475	21680,415	13500,788	3,045	-5,558
245,500	32260,579	-26388,452	21729,130	13556,454	2,999	-5,546
246,000	31394,478	-25612,283	21777,955	13610,729	2,982	-5,547
246,500	30361,776	-24778,318	21826,889	13667,171	2,934	-5,533
247,000	29361,035	-23880,147	21875,934	13722,586	2,913	-5,533
247,500	28195,510	-22923,171	21925,088	13780,314	2,862	-5,518
248,000	27060,477	-21901,851	21974,353	13837,454	2,839	-5,516
248,500	25762,181	-20820,590	22023,729	13897,113	2,786	-5,500
249,000	24493,247	-19674,674	22073,215	13956,707	2,761	-5,497
249,500	23062,238	-18467,463	22122,813	14019,096	2,706	-5,481
250,000	21659,832	-17194,986	22172,522	14082,031	2,680	-5,478
250,500	20096,175	-15859,527	22222,343	14148,104	2,625	-5,461
251,000	18560,771	-14457,743	22272,276	14215,433	2,599	-5,458

	251,500	16890,869	-12990,599	22322,321	14286,071	2,553	-5,446
	252,000	15270,116	-11455,407	22372,478	14358,656	2,543	-5,450
	252,500	13488,512	-9852,433	22422,748	14435,356	2,506	-5,442
	253,000	11735,831	-8179,061	22473,132	14515,118	2,500	-5,449
	253,500	9821,806	-6434,257	22523,628	14599,509	2,468	-5,443
	254,000	7937,793	-4615,446	22574,238	14687,927	2,468	-5,453
	254,500	5891,435	-2720,585	22624,961	14781,490	2,445	-5,451
	255,000	3876,729	-746,885	22675,799	14880,078	2,455	-5,466
	255,500	1742,050	1308,551	22726,750	14984,322	2,456	-5,476
	256,000	-8068,641	3442,503	22766,572	15066,053	0,188	-4,403
	256,500	-10364,224	5661,203	22715,531	15165,815	0,202	-4,400
<b>SVARME</b>	256,854	-12030,121	7233,296	22619,550	15281,239	0,071	-3,914
	257,208	-13728,535	8671,991	22523,977	15358,659	0,035	-3,880
	257,563	-15460,424	9992,961	22428,806	15432,500	-0,040	-3,828
	257,917	-17226,105	11193,261	22334,036	15501,956	-0,157	-3,756
	258,271	-19026,297	12232,457	22239,670	15518,679	-0,338	-3,654
	258,625	-20860,712	13114,214	22145,700	15499,219	-0,577	-3,524
<b>SVARMA</b>	259,021	-22952,586	13970,753	22041,146	15480,879	-0,800	-2,796
	259,417	-25090,117	14601,940	21937,083	15417,294	-1,116	-2,630
	259,813	-27291,109	15063,721	21833,514	15347,752	-1,482	-2,441
	260,208	-29557,704	15358,527	21730,433	15272,513	-1,898	-2,228
	260,604	-31886,588	15489,397	21627,837	15192,108	-2,362	-1,992
	261,000	-34265,540	15459,969	21525,728	15107,347	-2,871	-1,735
	261,396	-32016,642	15330,155	21424,101	14889,855	-2,465	-1,914
	261,792	-29816,728	15045,176	21322,952	14669,871	-2,103	-2,072
	262,188	-27664,729	14606,468	21222,282	14447,061	-1,783	-2,210
	262,583	-25560,100	14015,914	21122,088	14221,302	-1,505	-2,328
	262,979	-23500,959	13275,853	21022,364	13992,673	-1,269	-2,426
263,375	-21487,474	12389,118	20923,113	13761,369	-1,073	-2,505	
<b>SVARME</b>	263,729	-19723,183	11414,151	20834,706	13503,626	-1,083	-3,058
	264,083	-17993,114	10385,249	20746,674	13285,404	-0,949	-3,107
	264,438	-16297,070	9248,130	20659,012	13065,823	-0,851	-3,138
	264,792	-14635,837	8005,998	20571,721	12845,556	-0,790	-3,152
	265,146	-13026,286	6662,022	20484,801	12625,302	-0,768	-3,148
	265,500	-11475,951	5219,187	20398,245	12406,069	-0,787	-3,124
<b>SCORRE</b>	265,950	-9653,922	3356,945	20357,082	12121,671	-0,877	-3,439
	266,400	-7879,887	1581,763	20316,003	11874,766	-0,946	-3,399
	266,850	2547,610	-126,972	20275,006	11632,552	1,585	-4,596
	267,300	4300,242	-1769,413	20234,092	11383,457	1,548	-4,571
	267,750	6017,324	-3346,269	20193,260	11140,058	1,523	-4,552
	268,200	7681,291	-4859,776	20152,511	10902,010	1,502	-4,534
	268,650	9273,902	-6328,234	20111,844	10696,443	1,483	-4,517
	269,100	10848,549	-7744,439	20071,259	10494,396	1,475	-4,506
	269,550	12316,563	-9109,986	20030,756	10295,971	1,452	-4,487
	270,000	13801,617	-10424,799	20030,756	10099,590	1,444	-4,483
270,450	15152,684	-11657,714	22069,047	9878,110	1,152	-4,730	

270,900	16520,843	-12875,991	22113,671	9690,605	1,135	-4,730
271,350	17781,732	-14049,270	22158,386	9506,306	1,100	-4,723
271,800	19024,577	-15177,419	22203,191	9324,267	1,074	-4,719
272,250	20195,221	-16261,716	22248,087	9144,650	1,041	-4,711
272,700	21312,119	-17343,139	22293,073	8988,138	0,999	-4,700
273,150	22392,798	-20557,495	22338,151	9875,705	0,622	-4,529
273,600	23382,795	-21728,055	22383,320	9723,834	0,517	-4,487
274,050	24374,124	-22858,635	22428,580	9571,153	0,424	-4,452
274,500	25235,959	-23951,757	22473,931	9418,759	0,304	-4,403
274,950	26128,390	-25002,870	22519,374	9264,878	0,205	-4,365
275,400	26889,017	-26015,645	22564,909	9110,996	0,079	-4,313
275,850	27654,262	-26985,551	22610,537	8955,570	-0,035	-4,268
276,300	28324,663	-27914,836	22656,256	8799,498	-0,164	-4,215
276,750	28961,339	-28800,815	22702,068	8642,026	-0,291	-4,163
277,200	29542,607	-29643,381	22747,972	8483,275	-0,422	-4,109
277,650	30049,056	-30442,459	22793,970	8323,355	-0,563	-4,051
278,100	30542,567	-31194,863	22840,060	8161,537	-0,694	-3,997
278,550	30916,878	-31903,910	22886,244	7998,849	-0,848	-3,932
279,000	31324,270	-32562,593	22932,521	7833,666	-0,978	-3,879
279,450	31574,888	-33177,942	22978,891	7667,863	-1,142	-3,810
279,900	31862,266	-33740,881	23025,355	7499,451	-1,280	-3,753
280,350	32024,268	-34257,604	23071,914	7330,000	-1,443	-3,684
280,800	32179,412	-34722,014	23118,566	7158,322	-1,592	-3,622
281,250	32256,978	-35136,464	23165,313	6985,078	-1,750	-3,556
281,700	32278,363	-35499,176	23212,154	6810,043	-1,910	-3,488
282,150	32268,235	-35808,176	23259,090	6632,992	-2,064	-3,424
282,600	32157,932	-36065,945	23306,121	6454,525	-2,232	-3,352
283,050	32057,616	-36266,464	23353,247	6273,693	-2,382	-3,290
283,500	31817,904	-36416,159	23400,468	6091,755	-2,558	-3,215
284,000	31588,278	-36483,021	23447,785	5884,762	-2,714	-3,150
284,500	31191,237	-36447,176	23515,898	5676,050	-2,893	-3,078
285,000	30821,518	-36290,133	23521,356	5463,006	-3,020	-3,018
285,500	30290,771	-36019,422	23453,226	5247,150	-3,153	-2,942
286,000	29780,638	-35633,499	23385,295	5028,531	-3,247	-2,884
286,500	29116,141	-35140,251	23317,559	4808,478	-3,355	-2,820
287,000	28465,296	-34532,265	23250,021	4586,137	-3,425	-2,774
287,500	27667,008	-33849,457	23182,677	4366,853	-3,516	-2,717
288,000	26875,181	-33051,604	23115,529	4145,329	-3,572	-2,678
288,500	25943,066	-31948,503	23048,575	3898,540	-3,586	-2,659
289,000	25010,012	-30736,762	22981,815	3651,840	-3,568	-2,655
289,500	23944,036	-29431,985	22915,249	3407,032	-3,561	-2,646
290,000	22869,537	-28032,535	22848,875	3163,791	-3,528	-2,649
290,500	21669,670	-26544,650	22782,694	2922,689	-3,505	-2,647
291,000	20453,534	-24967,842	22716,704	2683,524	-3,461	-2,656
291,500	19119,751	-23307,364	22650,906	2446,710	-3,426	-2,660
292,000	17761,810	-21563,606	22585,298	2212,129	-3,372	-2,673

	292,500	16294,088	-19740,782	22519,880	1980,058	-3,327	-2,682
<b>SVARME</b>	292,854	15237,787	-18424,720	22424,726	1817,656	-2,958	-2,437
	293,208	14133,635	-17034,613	22329,976	1654,850	-2,915	-2,441
	293,563	12988,370	-15609,083	22235,624	1493,524	-2,873	-2,445
	293,917	11823,649	-14148,548	22141,671	1333,681	-2,827	-2,451
	294,271	10608,820	-12653,781	22048,117	1175,369	-2,785	-2,455
	294,625	9354,994	-11124,960	21954,956	1018,462	-2,744	-2,458
<b>SVARMA</b>	295,021	7912,015	-9431,301	21851,303	848,370	-2,273	-2,067
	295,417	6423,380	-7623,184	21748,136	675,001	-2,232	-2,071
	295,813	4888,725	-5776,014	21645,459	503,595	-2,193	-2,075
	296,208	3307,800	-3889,843	21543,267	334,028	-2,155	-2,079
	296,604	1678,392	-1964,553	21441,554	166,162	-2,118	-2,081
	297,000	0,000	0,000	21441,554	0,000	-2,093	-2,093



**Anexo H – Estado limite último de flexão do tabuleiro**

$A_p$ [cm <sup>2</sup> ]	$F_{pyd}$ [MPa]	$E_p$ [GPa]	$f_{cd}$ [MPa]	$f_{syd}$ [MPa]	$d$ [m]
186	1400	195	23,330	434,783	2,932

	$M^+$	$M^-$
$A_s$ [cm <sup>2</sup> ]	117,072	58,536
$b_t$ [m]	1,200	0,600

Tramo	Secção	x [m]	$M_{Ed,min}$ [kN.m]	$M_{Ed,max}$ [kN.m]	$F_s$ [kN]	$F_p$ [kN]	$z_s$ [m]	$z_p$ [m]	$M_{Rd}$ [kN.m]
1	Apoio	0,000	0,000	0,000	5090,104	26040,000	2,650	2,540	79630,375
	Vão	13,500	31602,639	54712,078	2545,052	26040,000	2,890	2,660	76621,600
	Apoio	36,000	-54978,821	-30881,549	5090,104	26040,000	2,650	2,540	79630,375
2	Vão	58,500	38530,657	65666,628	2545,052	26040,000	2,890	2,660	76621,600
	Apoio	81,000	-60291,041	-32670,497	5090,104	26040,000	2,650	2,540	79630,375
3	Vão	103,500	36310,746	65161,951	2545,052	26040,000	2,890	2,660	76621,600
	Apoio	126,000	-59835,935	-31143,265	5090,104	26040,000	2,650	2,540	79630,375
4	Vão	148,500	36591,391	65777,588	2545,052	26040,000	2,890	2,660	76621,600
	Apoio	171,000	-59624,617	-30931,947	5090,104	26040,000	2,650	2,540	79630,375
5	Vão	193,500	36141,785	64992,990	2545,052	26040,000	2,890	2,660	76621,600
	Apoio	216,000	-60417,711	-32797,166	5090,104	26040,000	2,650	2,540	79630,375
6	Vão	238,500	38771,940	65907,911	2545,052	26040,000	2,890	2,660	76621,600
	Apoio	261,000	-53068,493	-28971,221	5090,104	26040,000	2,650	2,540	79630,375
7	Vão	283,050	32866,688	56478,061	2545,052	26040,000	2,890	2,660	76621,600
	Apoio	297,000	0,000	0,000	5090,104	26040,000	2,650	2,540	79630,375



### Anexo I – Estado limite último de esforço transversal

<b>d</b> [m]	<b>z</b> [m]	<b><math>\theta</math></b> [°]	<b><math>A_{sw/s}</math></b> [cm <sup>2</sup> /m]	<b><math>b_w</math></b> [m]	<b><math>\alpha</math></b> [°]	<b><math>\alpha_c</math></b>	<b>v</b>
2,952	2,657	30,000	40,200	2,400	90,000	1,000	0,516

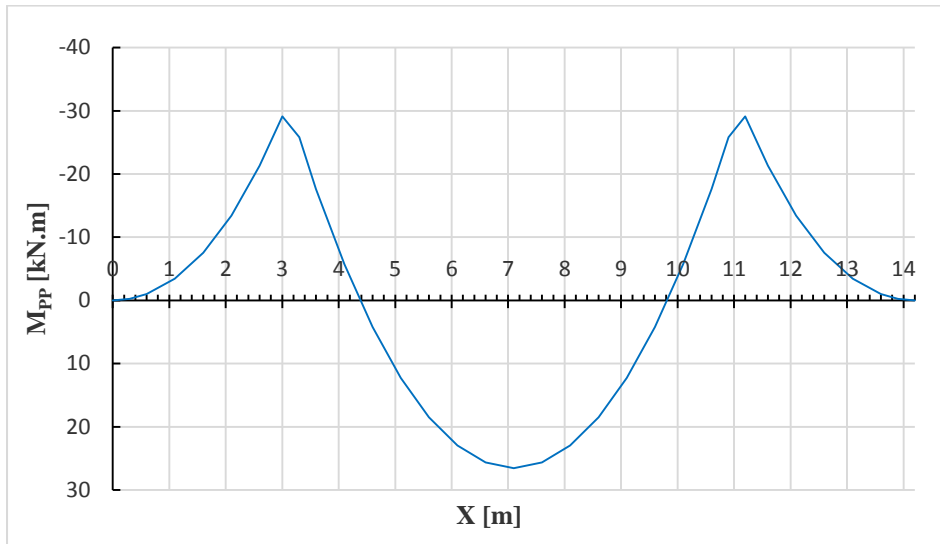
<b>Secção</b>		<b>x</b> [m]	<b><math>V_{Ed}</math></b> [kN]	<b><math>V_{Rd,máx}</math></b> [kN]	<b><math>V_{Rd,s}</math></b> [kN]	<b><math>V_{Rd}</math></b> [kN]
<b>E1</b>	Direita	2,952	-2238,91	33238,02	8042,993	8042,993
<b>P1</b>	Esquerda	33,048	5636,626	33238,02	8042,993	8042,993
	Direita	38,952	-6384,64	33238,02	8042,993	8042,993
<b>P2</b>	Esquerda	78,048	6324,473	33238,02	8042,993	8042,993
	Direita	83,952	-6521,92	33238,02	8042,993	8042,993
<b>P3</b>	Esquerda	123,048	6269,044	33238,02	8042,993	8042,993
	Direita	128,952	-6742,3	33238,02	8042,993	8042,993
<b>P4</b>	Esquerda	168,048	6285,355	33238,02	8042,993	8042,993
	Direita	173,952	-6442,96	33238,02	8042,993	8042,993
<b>P5</b>	Esquerda	213,048	6299,152	33238,02	8042,993	8042,993
	Direita	218,952	-6436,47	33238,02	8042,993	8042,993
<b>P6</b>	Esquerda	258,048	6096,151	33238,02	8042,993	8042,993
	Direita	263,952	-6904,87	33238,02	8042,993	8042,993
<b>E2</b>	Esquerda	294,048	196,1901	33238,02	8042,993	8042,993



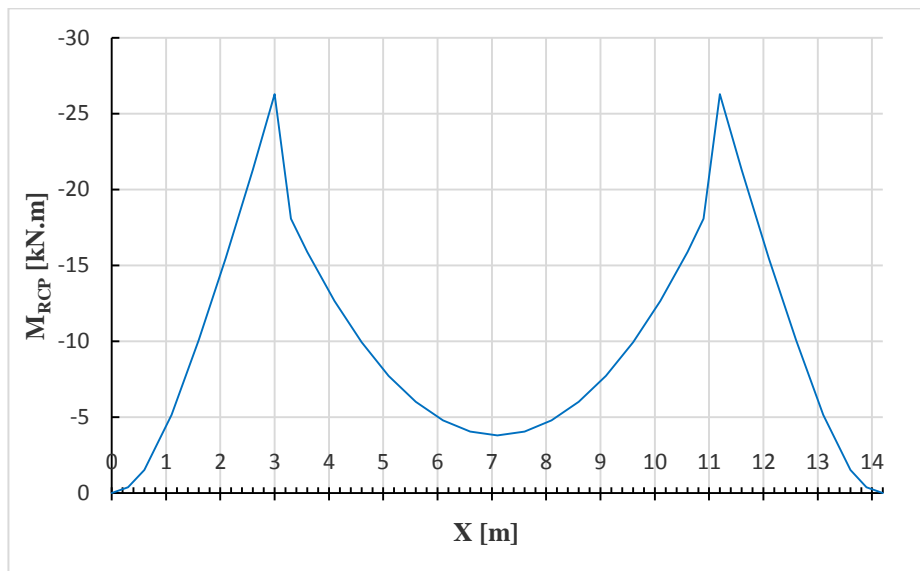
## Anexo J – Diagramas de esforços da secção transversal do tabuleiro

### ➤ Diagramas de momentos flectores

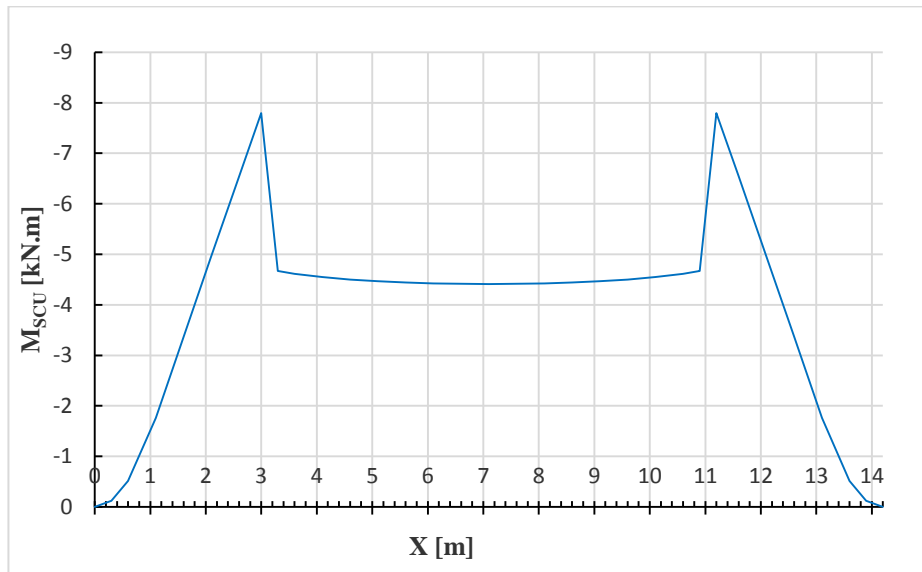
#### – Devido ao peso próprio do tabuleiro



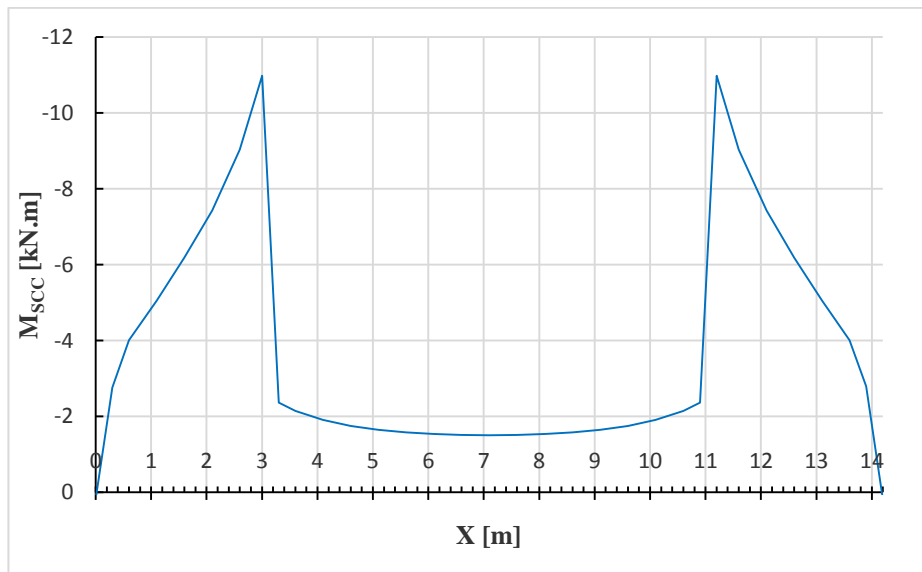
#### – Devido às restantes cargas permanentes



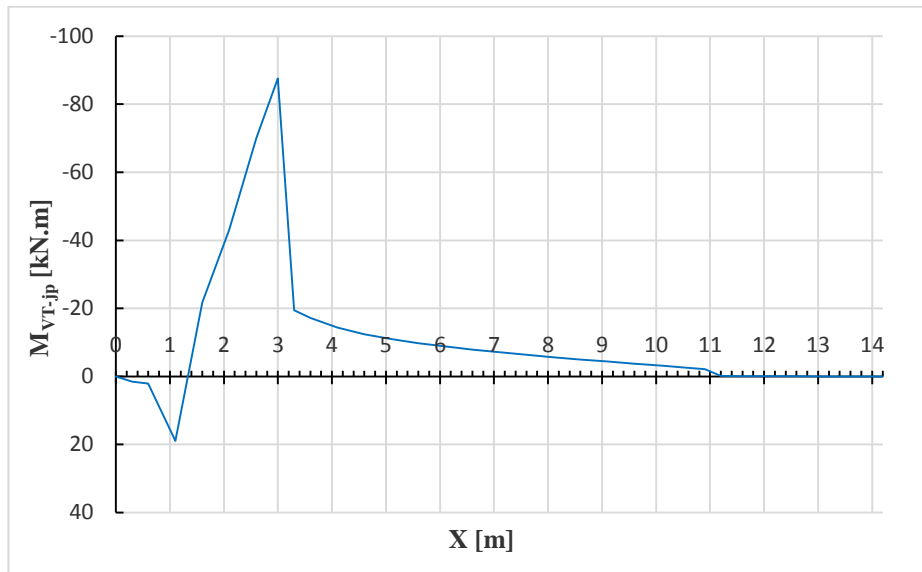
– Devido à sobrecarga uniforme nos passeios



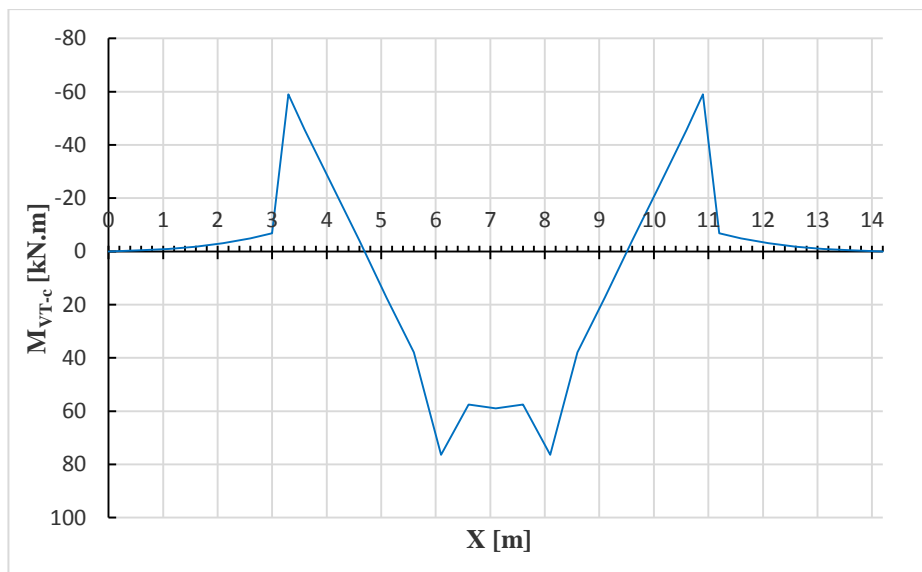
– Devido à sobrecarga concentrada nos passeios



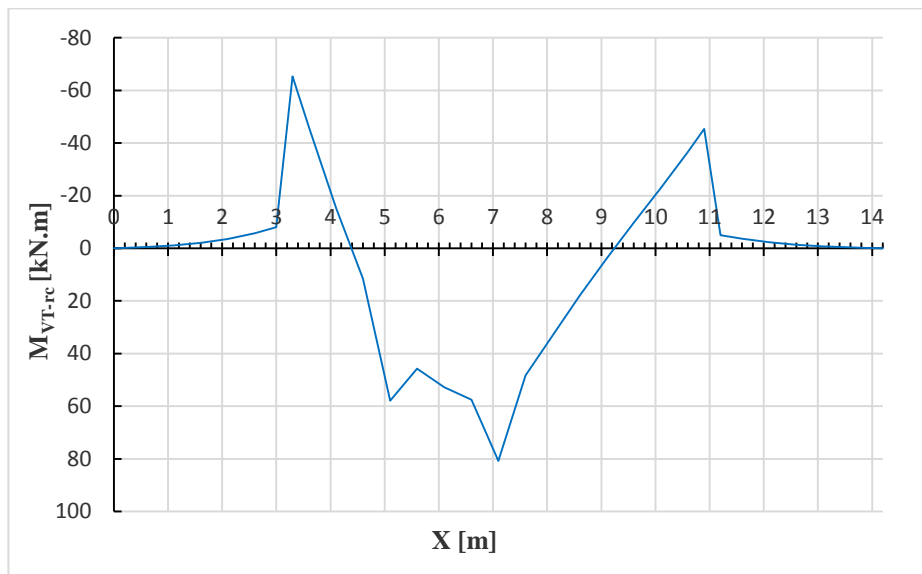
– Devido ao veículo tipo junto ao passeio



– Devido ao veículo tipo centrado no eixo do tabuleiro

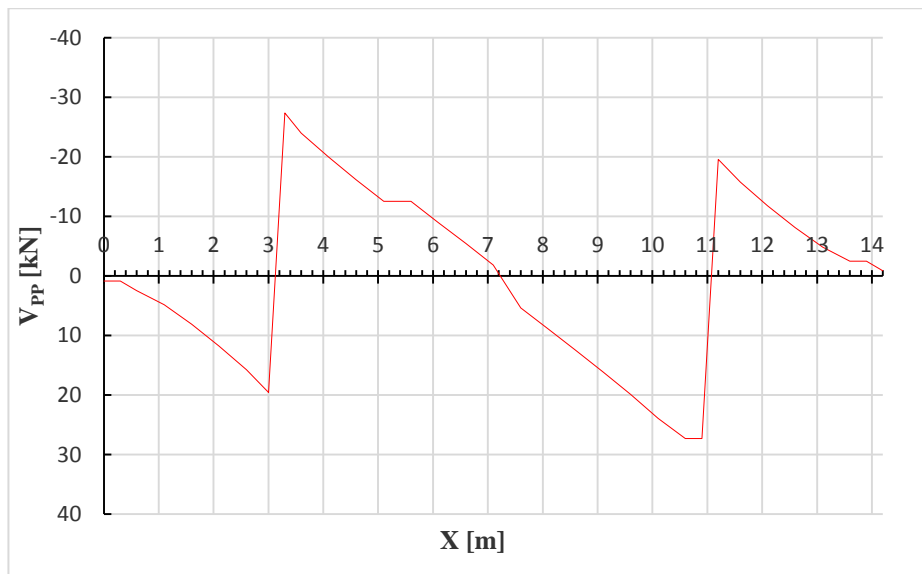


– Devido ao veículo tipo com uma roda centrada no eixo do tabuleiro

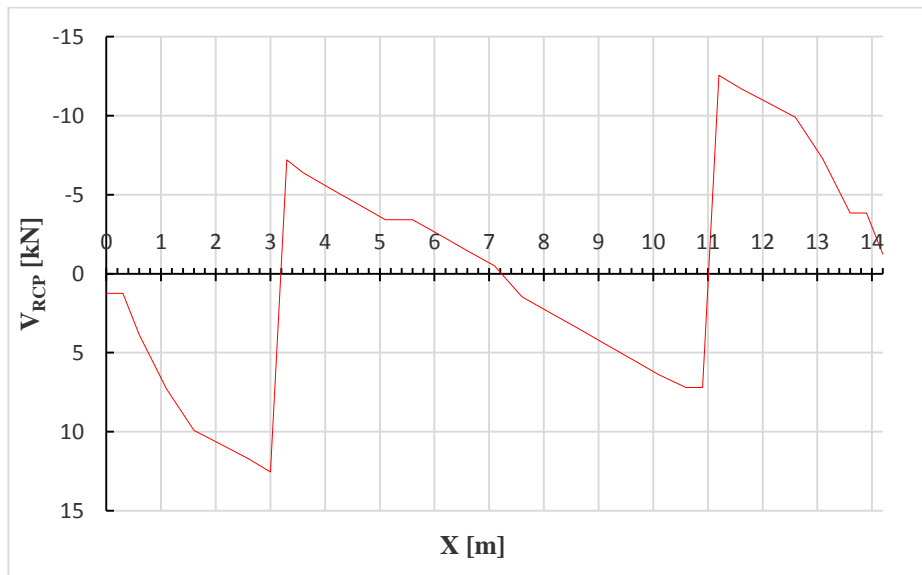


➤ Diagramas de esforço transversal

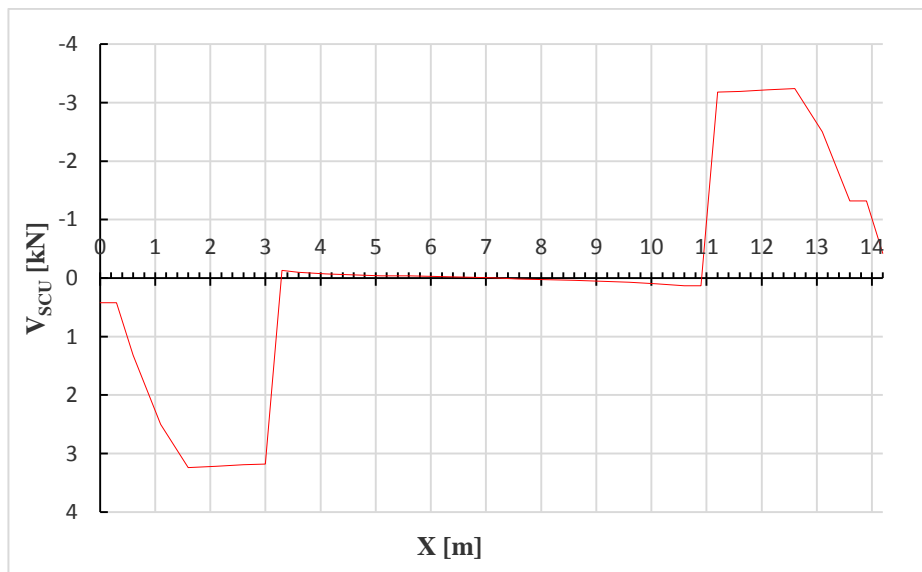
– Devido ao peso próprio do tabuleiro



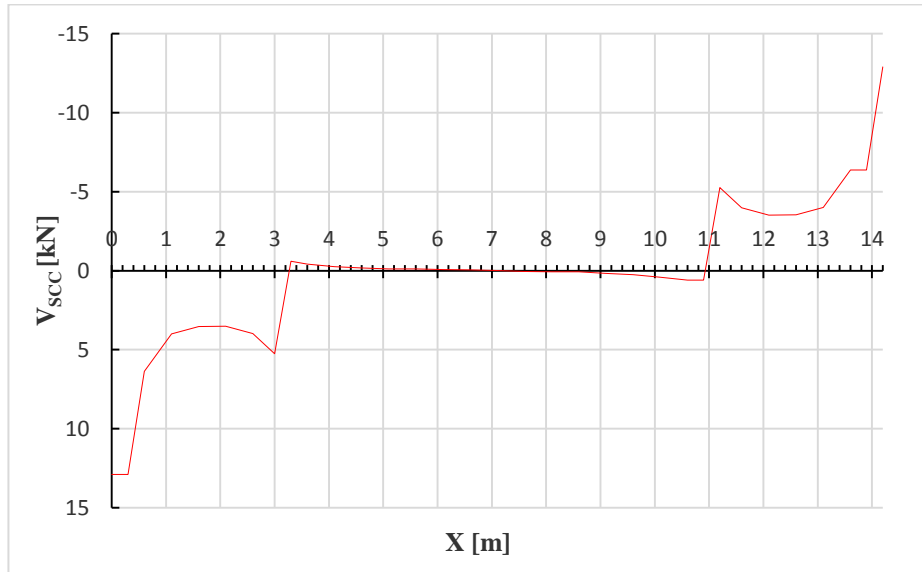
– Devido às restantes cargas permanentes



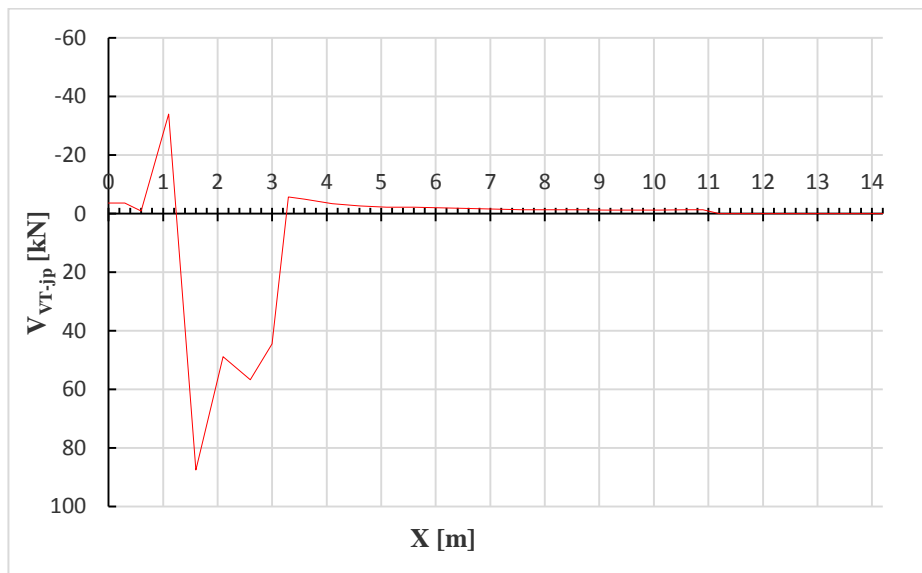
– Devido à sobrecarga uniforme nos passeios



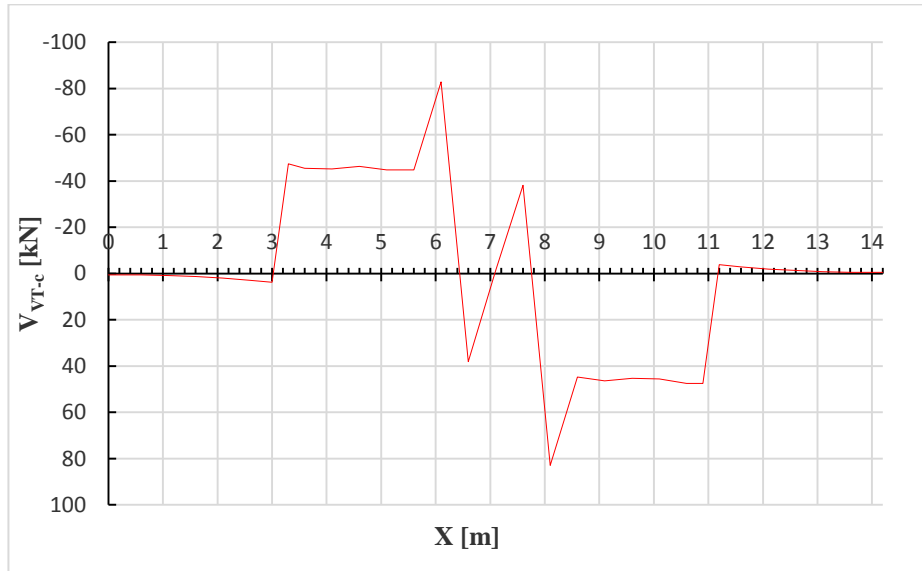
– Devido à sobrecarga concentrada nos passeios



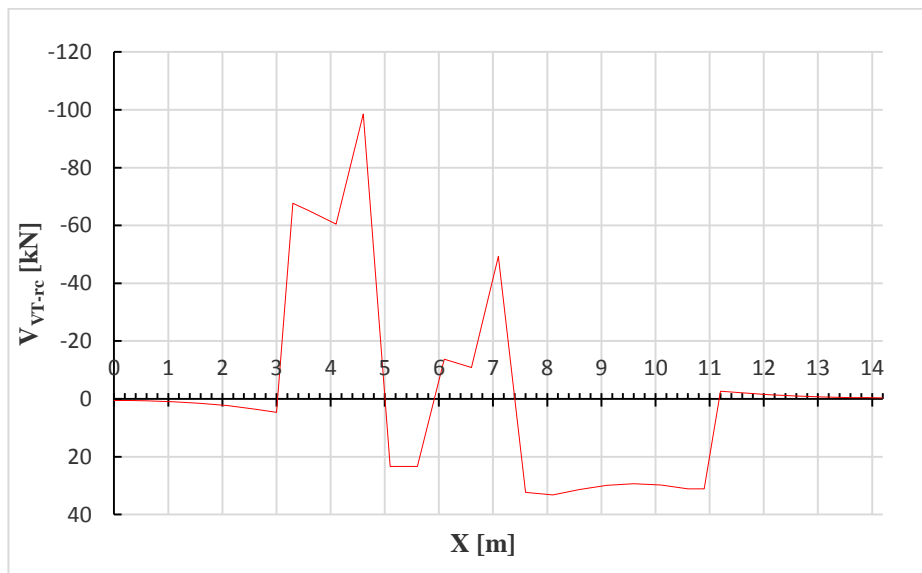
– Devido ao veículo tipo junto ao passeio



– Devido ao veículo tipo centrado no eixo do tabuleiro



– Devido ao veículo tipo com uma roda centrada no eixo do tabuleiro





**Anexo K – Esforços característicos na base dos pilares**

<b>Cargas Permanentes (PP+PE+RCP)</b>			
<b>Pilar</b>	<b>N<sub>k</sub> [kN]</b>	<b>V<sub>k,x</sub> [kN]</b>	<b>M<sub>0k,y</sub> [kN.m]</b>
<b>P1</b>	-7111,044	0,119	-2,861
<b>P2</b>	-9501,084	-0,084	-0,095
<b>P3</b>	-8503,029	-0,082	0,266
<b>P4</b>	-8081,035	-0,079	0,362
<b>P5</b>	-9423,517	-0,080	-0,440
<b>P6</b>	-8115,231	0,206	-4,112

<b>Sobrecargas (SC)</b>			
<b>Pilar</b>	<b>N<sub>k</sub> [kN]</b>	<b>V<sub>k,x</sub> [kN]</b>	<b>M<sub>0k,y</sub> [kN.m]</b>
<b>P1</b>	-1299,662	0,338	-8,102
<b>P2</b>	-1879,263	-0,238	-0,270
<b>P3</b>	-1334,283	-0,232	0,754
<b>P4</b>	-1232,515	-0,225	1,026
<b>P5</b>	-1947,018	-0,225	-1,245
<b>P6</b>	-1559,595	0,582	-11,645

<b>VDT</b>			
<b>Pilar</b>	<b>N<sub>k</sub> [kN]</b>	<b>V<sub>k,x</sub> [kN]</b>	<b>M<sub>0k,y</sub> [kN.m]</b>
<b>P1</b>	-78,829	0,000	-0,006
<b>P2</b>	-18,127	0,000	0,000
<b>P3</b>	-15,366	0,000	-0,001
<b>P4</b>	-14,240	0,000	0,001
<b>P5</b>	-18,509	0,000	-0,001
<b>P6</b>	-94,595	0,000	-0,008

<b>VUT</b>			
<b>Pilar</b>	<b>N<sub>k</sub> [kN]</b>	<b>V<sub>k,x</sub> [kN]</b>	<b>M<sub>0k,y</sub> [kN.m]</b>
<b>P1</b>	-709,464	0,001	-0,025
<b>P2</b>	-81,573	-0,001	-0,025
<b>P3</b>	-69,145	-0,001	-0,025
<b>P4</b>	-64,079	-0,001	0,003
<b>P5</b>	-83,292	-0,001	-0,004
<b>P6</b>	-851,357	0,002	-0,036

<b>Acção Sísmica (<math>\eta = 2,0</math>)</b>							
<b>Pilar</b>	<b>N<sub>k</sub> [kN]</b>	<b>V<sub>k,x</sub> [kN]</b>	<b>V<sub>k,y</sub> [kN]</b>	<b>V<sub>k</sub> [kN]</b>	<b>M<sub>0k,x</sub> [kN.m]</b>	<b>M<sub>0k,y</sub> [kN.m]</b>	<b>M<sub>0k</sub> [kN.m]</b>
<b>P1</b>	-0,020	416,014	-230,469	475,587	-5531,246	-9984,326	11414,090
<b>P2</b>	-2103,289	-636,722	557,576	846,349	-9354,055	-10507,027	14067,550
<b>P3</b>	-1814,858	-417,890	360,247	551,734	6978,479	7940,876	10571,503
<b>P4</b>	-1723,750	-358,515	305,586	471,079	6238,808	7171,205	9505,204
<b>P5</b>	-2312,167	-845,937	726,178	1114,873	-11062,121	-12690,266	16834,886
<b>P6</b>	-0,024	717,551	-397,518	820,304	-7950,358	-14351,011	16406,088



### Anexo L – Esforços de cálculo na base dos pilares

Combinação Sísmica							
Pilar	$N_{Ed}$ [kN]	$V_{Ed,x}$ [kN]	$V_{Ed,y}$ [kN]	$V_{Ed}$ [kN]	$M_{Ed,x}$ [kN.m]	$M_{Ed,y}$ [kN.m]	$M_{Ed}$ [kN.m]
<b>P1</b>	-7111,074	624,139	-345,703	713,499	-8296,869	-14976,370	17118,274
<b>P2</b>	-12656,018	-955,167	836,364	1269,439	-14031,083	-15760,625	21101,230
<b>P3</b>	-11225,316	-626,917	540,371	827,518	10467,719	11911,232	15857,521
<b>P4</b>	-10666,660	-537,851	458,379	706,540	9358,212	10756,729	14258,169
<b>P5</b>	-12891,768	-1268,985	1089,266	1672,230	-16593,181	-19035,480	25251,889
<b>P6</b>	-8115,267	1076,532	-596,277	1230,663	-11925,537	-21526,311	24605,020

Combinação fundamental (SC como variável base)			
Pilar	$N_{Ed}$ [kN]	$V_{Ed,x}$ [kN]	$M_{Ed,y}$ [kN.m]
<b>P1</b>	-12390,498	0,671	-16,086
<b>P2</b>	-15891,076	-0,473	-0,558
<b>P3</b>	-13688,796	-0,461	1,471
<b>P4</b>	-12951,191	-0,446	2,038
<b>P5</b>	-15893,171	-0,447	-2,472
<b>P6</b>	-14304,270	1,155	-23,121



## Anexo M – Estado limite de derrubamento dos encontros

### ➤ Encontro E1

ELU de Derrubamento (Sobrecarga como acção variável base)							
Designação	$\gamma$	I [kN]	Impulso/Força [kN]		Braço [m]	Momento flector [kN]	
			$E_k$	$E_d$		Derrubante	Estabilizante
I <sub>a,CP,H,1</sub>	1,35	16,250	15,480	20,899	12,413	259,414	-
I <sub>a,CP,V,1</sub>	1,00	16,250	15,480	15,480	9,000	-	139,324
I <sub>a,CP,H,2</sub>	1,35	214,982	96,822	130,709	11,310	1478,322	-
I <sub>a,CP,V,2</sub>	1,00	214,982	96,822	96,822	9,000	-	871,395
I <sub>a,CP,H,3</sub>	1,35	197,881	89,120	120,312	11,040	1328,244	-
I <sub>a,CP,V,3</sub>	1,00	197,881	89,120	89,120	9,000	-	802,080
I <sub>a,CP,H,4</sub>	1,35	70,172	66,847	90,244	9,550	861,828	-
I <sub>a,CP,V,4</sub>	1,00	70,172	66,847	66,847	9,000	-	601,625
I <sub>a,CP,H,5</sub>	1,35	129,179	123,060	166,131	9,550	1586,546	-
I <sub>a,CP,V,5</sub>	1,00	129,179	123,060	123,060	9,000	-	1107,537
I <sub>a,CP,H,6</sub>	1,35	75,753	72,165	97,422	9,233	899,499	-
I <sub>a,CP,V,6</sub>	1,00	75,753	72,165	72,165	9,000	-	649,481
I <sub>a,CP,H,7</sub>	1,35	24,968	23,786	32,110	7,600	244,039	-
I <sub>a,CP,V,7</sub>	1,00	24,968	23,786	23,786	9,000	-	214,070
I <sub>a,CP,H,8</sub>	1,35	45,965	43,787	59,112	7,600	449,254	-
I <sub>a,CP,V,8</sub>	1,00	45,965	43,787	43,787	9,000	-	394,083
I <sub>a,CP,H,9</sub>	1,35	53,909	51,355	69,329	7,600	526,903	-
I <sub>a,CP,V,9</sub>	1,00	53,909	51,355	51,355	9,000	-	462,196
I <sub>a,CP,H,10</sub>	1,35	28,373	27,029	36,489	7,267	265,167	-
I <sub>a,CP,V,10</sub>	1,00	28,373	27,029	27,029	9,000	-	243,261
I <sub>a,SC,H,1</sub>	1,50	17,380	16,557	24,835	12,560	311,926	-
I <sub>a,SC,V,1</sub>	0,00	17,380	16,557	0,000	9,000	-	0,000
I <sub>a,SC,H,2</sub>	1,50	114,964	51,776	77,664	11,310	878,385	-
I <sub>a,SC,V,2</sub>	0,00	114,964	51,776	0,000	9,000	-	0,000
I <sub>a,SC,H,3</sub>	1,50	37,525	35,747	53,621	9,550	512,078	-
I <sub>a,SC,V,3</sub>	0,00	37,525	35,747	0,000	9,000	-	0,000
I <sub>a,SC,H,4</sub>	1,50	13,352	12,720	19,079	7,600	145,003	-
I <sub>a,SC,V,4</sub>	0,00	13,352	12,720	0,000	9,000	-	0,000
I <sub>a,E,H,1</sub>	1,50	55,338	52,717	79,075	12,560	993,183	-
I <sub>a,E,V,1</sub>	0,00	55,338	52,717	0,000	9,000	-	0,000
I <sub>a,E,H,2</sub>	1,50	52,571	50,081	75,121	12,560	943,524	-
I <sub>a,E,V,2</sub>	0,00	52,571	50,081	0,000	9,000	-	0,000
I <sub>a,E,H,3</sub>	1,50	44,824	42,701	64,051	12,560	804,478	-
I <sub>a,E,V,3</sub>	0,00	44,824	42,701	0,000	9,000	-	0,000

<b>I<sub>a,E,H,4</sub></b>	1,50	12,174	11,598	17,397	12,707	221,058	-
<b>I<sub>a,E,V,4</sub></b>	0,00	12,174	11,598	0,000	9,000	-	0,000
<b>I<sub>a,E,H,5</sub></b>	1,50	201,836	90,901	136,352	11,310	1542,137	-
<b>I<sub>a,E,V,5</sub></b>	0,00	201,836	90,901	0,000	9,000	-	0,000
<b>I<sub>a,E,H,6</sub></b>	1,50	191,744	86,356	129,534	11,310	1465,030	-
<b>I<sub>a,E,V,6</sub></b>	0,00	191,744	86,356	0,000	9,000	-	0,000
<b>I<sub>a,E,H,7</sub></b>	1,50	81,743	36,815	55,222	11,580	639,475	-
<b>I<sub>a,E,V,7</sub></b>	0,00	81,743	36,815	0,000	9,000	-	0,000
<b>I<sub>a,E,H,8</sub></b>	1,50	119,481	113,820	170,730	9,550	1630,474	-
<b>I<sub>a,E,V,8</sub></b>	0,00	119,481	113,820	0,000	9,000	-	0,000
<b>I<sub>a,E,H,9</sub></b>	1,50	56,753	54,065	81,097	9,867	800,183	-
<b>I<sub>a,E,V,9</sub></b>	0,00	56,753	54,065	0,000	9,000	-	0,000
<b>I<sub>a,E,H,10</sub></b>	1,50	7,086	6,750	10,125	7,933	80,320	-
<b>I<sub>a,E,V,10</sub></b>	0,00	7,086	6,750	0,000	9,000	-	0,000
<b>F<sub>H,estribo</sub></b>	1,35	-	167,455	226,064	9,860	2229,083	-
<b>F<sub>V,estribo</sub></b>	1,00	-	1046,593	1046,593	3,787	-	3963,030
<b>F<sub>H,gigante</sub></b>	1,35	-	442,373	597,203	5,390	3218,926	-
<b>F<sub>V,gigante</sub></b>	1,00	-	2764,830	2764,830	4,716	-	13038,385
<b>F<sub>H,sapata</sub></b>	1,35	-	-	0,000	0,500	0,000	-
<b>F<sub>V,sapata</sub></b>	1,00	-	900,000	900,000	4,500	-	4050,000
<b>F<sub>H,terras,esq</sub></b>	1,35	-	442,270	597,065	5,327	3180,685	-
<b>F<sub>V,terras,esq</sub></b>	1,00	-	2764,190	2764,190	8,109	-	22415,368
<b>F<sub>H,terras,dir</sub></b>	1,35	-	334,095	451,028	4,270	1925,664	-
<b>F<sub>V,terras,dir</sub></b>	1,00	-	2088,092	2088,092	0,912	-	1904,549
<b>F<sub>Ed,H,tab</sub></b>	-	-	-	69,562	8,710	605,889	-
<b>F<sub>Ed,V,tab</sub></b>	-	-	-	1391,249	1,300	-	1808,624
					<b>Σ =</b>	<b>30026,716</b>	<b>52665,006</b>

ELU de Derrubamento (Sismo como acção variável base)							
Designação	$\gamma$	I [kN]	Impulso/Força [kN]		Braço [m]	Momento flector [kN]	
			$E_k$	$E_d$		Derrubante	Estabilizante
I <sub>a,CP,H,1</sub>	1,35	16,250	15,480	20,899	12,413	259,414	-
I <sub>a,CP,V,1</sub>	1,00	16,250	15,480	15,480	9,000	-	139,324
I <sub>a,CP,H,2</sub>	1,35	214,982	96,822	130,709	11,310	1478,322	-
I <sub>a,CP,V,2</sub>	1,00	214,982	96,822	96,822	9,000	-	871,395
I <sub>a,CP,H,3</sub>	1,35	197,881	89,120	120,312	11,040	1328,244	-
I <sub>a,CP,V,3</sub>	1,00	197,881	89,120	89,120	9,000	-	802,080
I <sub>a,CP,H,4</sub>	1,35	70,172	66,847	90,244	9,550	861,828	-
I <sub>a,CP,V,4</sub>	1,00	70,172	66,847	66,847	9,000	-	601,625
I <sub>a,CP,H,5</sub>	1,35	129,179	123,060	166,131	9,550	1586,546	-
I <sub>a,CP,V,5</sub>	1,00	129,179	123,060	123,060	9,000	-	1107,537
I <sub>a,CP,H,6</sub>	1,35	75,753	72,165	97,422	9,233	899,499	-
I <sub>a,CP,V,6</sub>	1,00	75,753	72,165	72,165	9,000	-	649,481
I <sub>a,CP,H,7</sub>	1,35	24,968	23,786	32,110	7,600	244,039	-
I <sub>a,CP,V,7</sub>	1,00	24,968	23,786	23,786	9,000	-	214,070
I <sub>a,CP,H,8</sub>	1,35	45,965	43,787	59,112	7,600	449,254	-
I <sub>a,CP,V,8</sub>	1,00	45,965	43,787	43,787	9,000	-	394,083
I <sub>a,CP,H,9</sub>	1,35	53,909	51,355	69,329	7,600	526,903	-
I <sub>a,CP,V,9</sub>	1,00	53,909	51,355	51,355	9,000	-	462,196
I <sub>a,CP,H,10</sub>	1,35	28,373	27,029	36,489	7,267	265,167	-
I <sub>a,CP,V,10</sub>	1,00	28,373	27,029	27,029	9,000	-	243,261
I <sub>a,SC,H,1</sub>	1,50	17,380	16,557	24,835	12,560	311,926	-
I <sub>a,SC,V,1</sub>	0,00	17,380	16,557	0,000	9,000	-	0,000
I <sub>a,SC,H,2</sub>	1,50	114,964	51,776	77,664	11,310	878,385	-
I <sub>a,SC,V,2</sub>	0,00	114,964	51,776	0,000	9,000	-	0,000
I <sub>a,SC,H,3</sub>	1,50	37,525	35,747	53,621	9,550	512,078	-
I <sub>a,SC,V,3</sub>	0,00	37,525	35,747	0,000	9,000	-	0,000
I <sub>a,SC,H,4</sub>	1,50	13,352	12,720	19,079	7,600	145,003	-
I <sub>a,SC,V,4</sub>	0,00	13,352	12,720	0,000	9,000	-	0,000
I <sub>a,E,H,1</sub>	1,50	55,338	52,717	79,075	12,560	993,183	-
I <sub>a,E,V,1</sub>	0,00	55,338	52,717	0,000	9,000	-	0,000
I <sub>a,E,H,2</sub>	1,50	52,571	50,081	75,121	12,560	943,524	-
I <sub>a,E,V,2</sub>	0,00	52,571	50,081	0,000	9,000	-	0,000
I <sub>a,E,H,3</sub>	1,50	44,824	42,701	64,051	12,560	804,478	-
I <sub>a,E,V,3</sub>	0,00	44,824	42,701	0,000	9,000	-	0,000
I <sub>a,E,H,4</sub>	1,50	12,174	11,598	17,397	12,707	221,058	-
I <sub>a,E,V,4</sub>	0,00	12,174	11,598	0,000	9,000	-	0,000
I <sub>a,E,H,5</sub>	1,50	201,836	90,901	136,352	11,310	1542,137	-
I <sub>a,E,V,5</sub>	0,00	201,836	90,901	0,000	9,000	-	0,000

<b>I<sub>a,E,H,6</sub></b>	1,50	191,744	86,356	129,534	11,310	1465,030	-
<b>I<sub>a,E,V,6</sub></b>	0,00	191,744	86,356	0,000	9,000	-	0,000
<b>I<sub>a,E,H,7</sub></b>	1,50	81,743	36,815	55,222	11,580	639,475	-
<b>I<sub>a,E,V,7</sub></b>	0,00	81,743	36,815	0,000	9,000	-	0,000
<b>I<sub>a,E,H,8</sub></b>	1,50	119,481	113,820	170,730	9,550	1630,474	-
<b>I<sub>a,E,V,8</sub></b>	0,00	119,481	113,820	0,000	9,000	-	0,000
<b>I<sub>a,E,H,9</sub></b>	1,50	56,753	54,065	81,097	9,867	800,183	-
<b>I<sub>a,E,V,9</sub></b>	0,00	56,753	54,065	0,000	9,000	-	0,000
<b>I<sub>a,E,H,10</sub></b>	1,50	7,086	6,750	10,125	7,933	80,320	-
<b>I<sub>a,E,V,10</sub></b>	0,00	7,086	6,750	0,000	9,000	-	0,000
<b>F<sub>H,estribo</sub></b>	1,35	-	167,455	226,064	9,860	2229,083	-
<b>F<sub>V,estribo</sub></b>	1,00	-	1046,593	1046,593	3,787	-	3963,030
<b>F<sub>H,gigante</sub></b>	1,35	-	442,373	597,203	5,390	3218,926	-
<b>F<sub>V,gigante</sub></b>	1,00	-	2764,830	2764,830	4,716	-	13038,385
<b>F<sub>H,sapata</sub></b>	1,35	-	-	0,000	0,500	0,000	-
<b>F<sub>V,sapata</sub></b>	1,00	-	900,000	900,000	4,500	-	4050,000
<b>F<sub>H,terras,esq</sub></b>	1,35	-	442,270	597,065	5,327	3180,685	-
<b>F<sub>V,terras,esq</sub></b>	1,00	-	2764,190	2764,190	8,109	-	22415,368
<b>F<sub>H,terras,dir</sub></b>	1,35	-	334,095	451,028	4,270	1925,664	-
<b>F<sub>V,terras,dir</sub></b>	1,00	-	2088,092	2088,092	0,912	-	1904,549
<b>F<sub>Ed,H,tab</sub></b>	-	-	-	77,260	8,710	-	672,933
<b>F<sub>Ed,V,tab</sub></b>	-	-	-	1545,196	1,300	2008,755	-
					<b>Σ =</b>	<b>31429,582</b>	<b>51529,315</b>

➤ **Encontro E2**

ELU de Derrubamento (Sobrecarga como acção variável base)							
Designação	$\gamma$	I [kN]	Impulso/Força [kN]		Braço [m]	Momento flector [kN]	
			$E_k$	$E_d$		Derrubante	Estabilizante
I <sub>a,CP,H,1</sub>	1,35	15,888	15,136	20,433	12,413	253,635	-
I <sub>a,CP,V,1</sub>	1,00	15,888	15,136	15,136	9,000	-	136,220
I <sub>a,CP,H,2</sub>	1,35	204,361	92,039	124,252	11,310	1405,291	-
I <sub>a,CP,V,2</sub>	1,00	204,361	92,039	92,039	9,000	-	828,347
I <sub>a,CP,H,3</sub>	1,35	188,105	84,717	114,368	11,040	1262,627	-
I <sub>a,CP,V,3</sub>	1,00	188,105	84,717	84,717	9,000	-	762,456
I <sub>a,CP,H,4</sub>	1,35	68,576	65,327	88,192	9,550	842,270	-
I <sub>a,CP,V,4</sub>	1,00	68,576	65,327	65,327	9,000	-	587,945
I <sub>a,CP,H,5</sub>	1,35	126,242	120,261	162,353	9,550	1550,543	-
I <sub>a,CP,V,5</sub>	1,00	126,242	120,261	120,261	9,000	-	1082,353
I <sub>a,CP,H,6</sub>	1,35	73,996	70,490	95,162	9,550	908,838	-
I <sub>a,CP,V,6</sub>	1,00	73,996	70,490	70,490	9,000	-	634,412
I <sub>a,CP,H,7</sub>	1,35	24,412	23,256	31,395	7,601	238,635	-
I <sub>a,CP,V,7</sub>	1,00	24,412	23,256	23,256	9,000	-	209,301
I <sub>a,CP,H,8</sub>	1,35	44,941	42,812	57,796	7,601	439,305	-
I <sub>a,CP,V,8</sub>	1,00	44,941	42,812	42,812	9,000	-	385,304
I <sub>a,CP,H,9</sub>	1,35	52,683	50,187	67,753	7,601	514,990	-
I <sub>a,CP,V,9</sub>	1,00	52,683	50,187	50,187	9,000	-	451,686
I <sub>a,CP,H,10</sub>	1,35	27,741	26,427	35,676	7,268	259,296	-
I <sub>a,CP,V,10</sub>	1,00	27,741	26,427	26,427	9,000	-	237,842
I <sub>a,SC,H,1</sub>	1,50	16,993	16,188	24,282	12,560	304,978	-
I <sub>a,SC,V,1</sub>	0,00	16,993	16,188	0,000	9,000	-	0,000
I <sub>a,SC,H,2</sub>	1,50	109,284	49,218	73,828	11,310	834,992	-
I <sub>a,SC,V,2</sub>	0,00	109,284	49,218	0,000	9,000	-	0,000
I <sub>a,SC,H,3</sub>	1,50	36,672	34,934	52,401	9,550	500,458	-
I <sub>a,SC,V,3</sub>	0,00	36,672	34,934	0,000	9,000	-	0,000
I <sub>a,SC,H,4</sub>	1,50	13,055	12,436	18,654	7,601	141,791	-
I <sub>a,SC,V,4</sub>	0,00	13,055	12,436	0,000	9,000	-	0,000
I <sub>a,E,H,1</sub>	1,50	52,282	49,805	74,708	12,560	938,335	-
I <sub>a,E,V,1</sub>	0,00	52,282	49,805	0,000	9,000	-	0,000
I <sub>a,E,H,2</sub>	1,50	49,645	47,293	70,939	12,560	890,996	-
I <sub>a,E,V,2</sub>	0,00	49,645	47,293	0,000	9,000	-	0,000
I <sub>a,E,H,3</sub>	1,50	42,349	40,342	60,514	12,560	760,051	-
I <sub>a,E,V,3</sub>	0,00	42,349	40,342	0,000	9,000	-	0,000
I <sub>a,E,H,4</sub>	1,50	11,502	10,957	16,436	12,707	208,850	-
I <sub>a,E,V,4</sub>	0,00	11,502	10,957	0,000	9,000	-	0,000

<b>I<sub>a,E,H,5</sub></b>	1,50	176,255	79,380	119,070	11,310	1346,682	-
<b>I<sub>a,E,V,5</sub></b>	0,00	176,255	79,380	0,000	9,000	-	0,000
<b>I<sub>a,E,H,6</sub></b>	1,50	167,362	75,375	113,063	11,310	1278,742	-
<b>I<sub>a,E,V,6</sub></b>	0,00	167,362	75,375	0,000	9,000	-	0,000
<b>I<sub>a,E,H,7</sub></b>	1,50	24,129	10,867	16,301	11,580	188,764	-
<b>I<sub>a,E,V,7</sub></b>	0,00	24,129	10,867	0,000	9,000	-	0,000
<b>I<sub>a,E,H,8</sub></b>	1,50	38,139	36,332	54,499	9,550	520,487	-
<b>I<sub>a,E,V,8</sub></b>	0,00	38,139	36,332	0,000	9,000	-	0,000
<b>I<sub>a,E,H,9</sub></b>	1,50	18,108	17,250	25,875	9,867	255,305	-
<b>I<sub>a,E,V,9</sub></b>	0,00	18,108	17,250	0,000	9,000	-	0,000
<b>I<sub>a,E,H,10</sub></b>	1,50	20,083	19,131	28,697	7,934	227,683	-
<b>I<sub>a,E,V,10</sub></b>	0,00	20,083	19,131	0,000	9,000	-	0,000
<b>F<sub>H,estribo</sub></b>	1,35	-	167,455	226,064	9,860	2229,083	-
<b>F<sub>V,estribo</sub></b>	1,00	-	1046,593	1046,593	3,413	-	3572,441
<b>F<sub>H,gigante</sub></b>	1,35	-	442,254	597,043	5,390	3218,059	-
<b>F<sub>V,gigante</sub></b>	1,00	-	2764,086	2764,086	4,716	-	13034,877
<b>F<sub>H,sapata</sub></b>	1,35	-	-	0,000	0,500	0,000	-
<b>F<sub>V,sapata</sub></b>	1,00	-	900,000	900,000	4,500	-	4050,000
<b>F<sub>H,terras,esq</sub></b>	1,35	-	390,812	527,597	4,825	2545,760	-
<b>F<sub>V,terras,esq</sub></b>	1,00	-	2442,578	2442,578	0,914	-	2232,272
<b>F<sub>H,terras,dir</sub></b>	1,35	-	471,133	636,030	5,609	3567,237	-
<b>F<sub>V,terras,dir</sub></b>	1,00	-	2944,583	2944,583	8,105	-	23866,434
<b>F<sub>Ed,H,tab</sub></b>	-	-	-	77,340	8,710	673,635	-
<b>F<sub>Ed,V,tab</sub></b>	-	-	-	1546,808	1,300	-	2010,850
					<b>∑ =</b>	<b>28307,318</b>	<b>54082,740</b>

ELU de Derrubamento (Sismo como acção variável base)							
Designação	$\gamma$	I [kN]	Impulso/Força [kN]		Braço [m]	Momento flector [kN]	
			$E_k$	$E_d$		Derrubante	Estabilizante
I <sub>a,CP,H,1</sub>	1,35	15,888	15,136	20,433	12,413	253,635	-
I <sub>a,CP,V,1</sub>	1,00	15,888	15,136	15,136	9,000	-	136,220
I <sub>a,CP,H,2</sub>	1,35	204,361	92,039	124,252	11,310	1405,291	-
I <sub>a,CP,V,2</sub>	1,00	204,361	92,039	92,039	9,000	-	828,347
I <sub>a,CP,H,3</sub>	1,35	188,105	84,717	114,368	11,040	1262,627	-
I <sub>a,CP,V,3</sub>	1,00	188,105	84,717	84,717	9,000	-	762,456
I <sub>a,CP,H,4</sub>	1,35	68,576	65,327	88,192	9,550	842,270	-
I <sub>a,CP,V,4</sub>	1,00	68,576	65,327	65,327	9,000	-	587,945
I <sub>a,CP,H,5</sub>	1,35	126,242	120,261	162,353	9,550	1550,543	-
I <sub>a,CP,V,5</sub>	1,00	126,242	120,261	120,261	9,000	-	1082,353
I <sub>a,CP,H,6</sub>	1,35	73,996	70,490	95,162	9,550	908,838	-
I <sub>a,CP,V,6</sub>	1,00	73,996	70,490	70,490	9,000	-	634,412
I <sub>a,CP,H,7</sub>	1,35	24,412	23,256	31,395	7,601	238,635	-
I <sub>a,CP,V,7</sub>	1,00	24,412	23,256	23,256	9,000	-	209,301
I <sub>a,CP,H,8</sub>	1,35	44,941	42,812	57,796	7,601	439,305	-
I <sub>a,CP,V,8</sub>	1,00	44,941	42,812	42,812	9,000	-	385,304
I <sub>a,CP,H,9</sub>	1,35	52,683	50,187	67,753	7,601	514,990	-
I <sub>a,CP,V,9</sub>	1,00	52,683	50,187	50,187	9,000	-	451,686
I <sub>a,CP,H,10</sub>	1,35	27,741	26,427	35,676	7,268	259,296	-
I <sub>a,CP,V,10</sub>	1,00	27,741	26,427	26,427	9,000	-	237,842
I <sub>a,SC,H,1</sub>	1,50	16,993	16,188	24,282	12,560	304,978	-
I <sub>a,SC,V,1</sub>	0,00	16,993	16,188	0,000	9,000	-	0,000
I <sub>a,SC,H,2</sub>	1,50	109,284	49,218	73,828	11,310	834,992	-
I <sub>a,SC,V,2</sub>	0,00	109,284	49,218	0,000	9,000	-	0,000
I <sub>a,SC,H,3</sub>	1,50	36,672	34,934	52,401	9,550	500,458	-
I <sub>a,SC,V,3</sub>	0,00	36,672	34,934	0,000	9,000	-	0,000
I <sub>a,SC,H,4</sub>	1,50	13,055	12,436	18,654	7,601	141,791	-
I <sub>a,SC,V,4</sub>	0,00	13,055	12,436	0,000	9,000	-	0,000
I <sub>a,E,H,1</sub>	1,50	52,282	49,805	74,708	12,560	938,335	-
I <sub>a,E,V,1</sub>	0,00	52,282	49,805	0,000	9,000	-	0,000
I <sub>a,E,H,2</sub>	1,50	49,645	47,293	70,939	12,560	890,996	-
I <sub>a,E,V,2</sub>	0,00	49,645	47,293	0,000	9,000	-	0,000
I <sub>a,E,H,3</sub>	1,50	42,349	40,342	60,514	12,560	760,051	-
I <sub>a,E,V,3</sub>	0,00	42,349	40,342	0,000	9,000	-	0,000
I <sub>a,E,H,4</sub>	1,50	11,502	10,957	16,436	12,707	208,850	-
I <sub>a,E,V,4</sub>	0,00	11,502	10,957	0,000	9,000	-	0,000
I <sub>a,E,H,5</sub>	1,50	176,255	79,380	119,070	11,310	1346,682	-
I <sub>a,E,V,5</sub>	0,00	176,255	79,380	0,000	9,000	-	0,000

<b>I<sub>a,E,H,6</sub></b>	1,50	167,362	75,375	113,063	11,310	1278,742	-
<b>I<sub>a,E,V,6</sub></b>	0,00	167,362	75,375	0,000	9,000	-	0,000
<b>I<sub>a,E,H,7</sub></b>	1,50	24,129	10,867	16,301	11,580	188,764	-
<b>I<sub>a,E,V,7</sub></b>	0,00	24,129	10,867	0,000	9,000	-	0,000
<b>I<sub>a,E,H,8</sub></b>	1,50	38,139	36,332	54,499	9,550	520,487	-
<b>I<sub>a,E,V,8</sub></b>	0,00	38,139	36,332	0,000	9,000	-	0,000
<b>I<sub>a,E,H,9</sub></b>	1,50	18,108	17,250	25,875	9,867	255,305	-
<b>I<sub>a,E,V,9</sub></b>	0,00	18,108	17,250	0,000	9,000	-	0,000
<b>I<sub>a,E,H,10</sub></b>	1,50	20,083	19,131	28,697	7,934	227,683	-
<b>I<sub>a,E,V,10</sub></b>	0,00	20,083	19,131	0,000	9,000	-	0,000
<b>F<sub>H,estribo</sub></b>	1,35	-	167,455	226,064	9,860	2229,083	-
<b>F<sub>V,estribo</sub></b>	1,00	-	1046,593	1046,593	3,413	-	3572,441
<b>F<sub>H,gigante</sub></b>	1,35	-	442,254	597,043	5,390	3218,059	-
<b>F<sub>V,gigante</sub></b>	1,00	-	2764,086	2764,086	4,716	-	13034,877
<b>F<sub>H,sapata</sub></b>	1,35	-	-	0,000	0,500	0,000	-
<b>F<sub>V,sapata</sub></b>	1,00	-	900,000	900,000	4,500	-	4050,000
<b>F<sub>H,terras,esq</sub></b>	1,35	-	390,812	527,597	4,825	2545,760	-
<b>F<sub>V,terras,esq</sub></b>	1,00	-	2442,578	2442,578	0,914	-	2232,272
<b>F<sub>H,terras,dir</sub></b>	1,35	-	471,133	636,030	5,609	3567,237	-
<b>F<sub>V,terras,dir</sub></b>	1,00	-	2944,583	2944,583	8,105	-	23866,434
<b>F<sub>Ed,H,tab</sub></b>	-	-	-	77,340	8,710	673,635	-
<b>F<sub>Ed,V,tab</sub></b>	-	-	-	1546,808	1,300	-	2010,850
					<b>∑ =</b>	28307,318	54082,740



## Anexo N – Estado limite de deslizamento dos encontros

### ➤ Encontro E1

ELU de Deslizamento (Sobrecarga como acção variável base)						
Designação	$\gamma$	I [kN]	Impulso/Força [kN]		Forças [kN]	
			$E_k$	$E_d$	Deslizante	Estabilizante
I <sub>a,CP,H,1</sub>	1,00	20,101	19,149	19,149	19,149	-
I <sub>a,CP,V,1</sub>	1,00	20,101	19,149	19,149	-	6,114
I <sub>a,CP,H,2</sub>	1,00	224,583	101,146	101,146	101,146	-
I <sub>a,CP,V,2</sub>	1,00	224,583	101,146	101,146	-	32,293
I <sub>a,CP,H,3</sub>	1,00	206,718	93,100	93,100	93,100	-
I <sub>a,CP,V,3</sub>	1,00	206,718	93,100	93,100	-	29,724
I <sub>a,CP,H,4</sub>	1,00	86,801	82,689	82,689	82,689	-
I <sub>a,CP,V,4</sub>	1,00	86,801	82,689	82,689	-	26,400
I <sub>a,CP,H,5</sub>	1,00	159,793	152,223	152,223	152,223	-
I <sub>a,CP,V,5</sub>	1,00	159,793	152,223	152,223	-	48,601
I <sub>a,CP,H,6</sub>	1,00	93,706	89,267	89,267	89,267	-
I <sub>a,CP,V,6</sub>	1,00	93,706	89,267	89,267	-	28,500
I <sub>a,CP,H,7</sub>	1,00	30,886	29,422	29,422	29,422	-
I <sub>a,CP,V,7</sub>	1,00	30,886	29,422	29,422	-	9,394
I <sub>a,CP,H,8</sub>	1,00	56,858	54,164	54,164	54,164	-
I <sub>a,CP,V,8</sub>	1,00	56,858	54,164	54,164	-	17,293
I <sub>a,CP,H,9</sub>	1,00	66,685	63,526	63,526	63,526	-
I <sub>a,CP,V,9</sub>	1,00	66,685	63,526	63,526	-	20,282
I <sub>a,CP,H,10</sub>	1,00	35,097	33,435	33,435	33,435	-
I <sub>a,CP,V,10</sub>	1,00	35,097	33,435	33,435	-	10,675
I <sub>a,SC,H,1</sub>	1,30	21,499	20,480	26,624	26,624	-
I <sub>a,SC,V,1</sub>	0,00	21,499	20,480	0,000	-	0,000
I <sub>a,SC,H,2</sub>	1,30	120,098	54,089	70,315	70,315	-
I <sub>a,SC,V,2</sub>	0,00	120,098	54,089	0,000	-	0,000
I <sub>a,SC,H,3</sub>	1,30	46,418	44,219	57,484	57,484	-
I <sub>a,SC,V,3</sub>	0,00	46,418	44,219	0,000	-	0,000
I <sub>a,SC,H,4</sub>	1,30	16,516	15,734	20,454	20,454	-
I <sub>a,SC,V,4</sub>	0,00	16,516	15,734	0,000	-	0,000
I <sub>a,E,H,1</sub>	1,50	24,786	23,611	35,417	35,417	-
I <sub>a,E,V,1</sub>	0,00	24,786	23,611	0,000	-	0,000
I <sub>a,E,H,2</sub>	1,50	23,546	22,431	33,646	33,646	-
I <sub>a,E,V,2</sub>	0,00	23,546	22,431	0,000	-	0,000
I <sub>a,E,H,3</sub>	1,50	20,076	19,125	28,688	28,688	-
I <sub>a,E,V,3</sub>	0,00	20,076	19,125	0,000	-	0,000

<b>I<sub>a,E,H,4</sub></b>	1,50	5,453	5,194	7,792	7,792	-
<b>I<sub>a,E,V,4</sub></b>	0,00	5,453	5,194	0,000	-	0,000
<b>I<sub>a,E,H,5</sub></b>	1,50	169,634	76,398	114,597	114,597	-
<b>I<sub>a,E,V,5</sub></b>	0,00	169,634	76,398	0,000	-	0,000
<b>I<sub>a,E,H,6</sub></b>	1,50	161,152	72,578	108,868	108,868	-
<b>I<sub>a,E,V,6</sub></b>	0,00	161,152	72,578	0,000	-	0,000
<b>I<sub>a,E,H,7</sub></b>	1,50	68,702	30,941	46,412	46,412	-
<b>I<sub>a,E,V,7</sub></b>	0,00	68,702	30,941	0,000	-	0,000
<b>I<sub>a,E,H,8</sub></b>	1,50	53,514	50,979	76,469	76,469	-
<b>I<sub>a,E,V,8</sub></b>	0,00	53,514	50,979	0,000	-	0,000
<b>I<sub>a,E,H,9</sub></b>	1,50	25,419	24,215	36,323	36,323	-
<b>I<sub>a,E,V,9</sub></b>	0,00	25,419	24,215	0,000	-	0,000
<b>I<sub>a,E,H,10</sub></b>	1,50	3,174	3,023	4,535	4,535	-
<b>I<sub>a,E,V,10</sub></b>	0,00	3,174	3,023	0,000	-	0,000
<b>F<sub>H,estribo</sub></b>	1,00	-	167,455	167,455	167,455	-
<b>F<sub>V,estribo</sub></b>	1,00	-	1046,593	1046,593	-	375,412
<b>F<sub>H,gigante</sub></b>	1,00	-	442,373	442,373	442,373	-
<b>F<sub>V,gigante</sub></b>	1,00	-	2764,830	2764,830	-	991,742
<b>F<sub>H,sapata</sub></b>	1,00	-	-	0,000	0,000	-
<b>F<sub>V,sapata</sub></b>	1,00	-	900,000	900,000	-	322,829
<b>F<sub>H,terras</sub></b>	1,00	-	776,365	776,365	776,365	-
<b>F<sub>V,terras</sub></b>	1,00	-	4852,282	4852,282	-	1740,510
<b>F<sub>Ed,H,tab</sub></b>	-	-	-	43,643	43,643	-
<b>F<sub>Ed,V,tab</sub></b>	-	-	-	872,867	-	872,867
				<b>∑ =</b>	<b>2815,581</b>	<b>4532,636</b>

<b>ELU de Deslizamento (Sismo como acção variável base)</b>						
<b>Designação</b>	$\gamma$	<b>I [kN]</b>	<b>Impulso/Força [kN]</b>		<b>Forças [kN]</b>	
			<b>E<sub>k</sub></b>	<b>E<sub>d</sub></b>	<b>Deslizante</b>	<b>Estabilizante</b>
I <sub>a,CP,H,1</sub>	1,00	20,101	19,149	19,149	19,149	-
I <sub>a,CP,V,1</sub>	1,00	20,101	19,149	19,149	-	6,114
I <sub>a,CP,H,2</sub>	1,00	224,583	101,146	101,146	101,146	-
I <sub>a,CP,V,2</sub>	1,00	224,583	101,146	101,146	-	32,293
I <sub>a,CP,H,3</sub>	1,00	206,718	93,100	93,100	93,100	-
I <sub>a,CP,V,3</sub>	1,00	206,718	93,100	93,100	-	29,724
I <sub>a,CP,H,4</sub>	1,00	86,801	82,689	82,689	82,689	-
I <sub>a,CP,V,4</sub>	1,00	86,801	82,689	82,689	-	26,400
I <sub>a,CP,H,5</sub>	1,00	159,793	152,223	152,223	152,223	-
I <sub>a,CP,V,5</sub>	1,00	159,793	152,223	152,223	-	48,601
I <sub>a,CP,H,6</sub>	1,00	93,706	89,267	89,267	89,267	-
I <sub>a,CP,V,6</sub>	1,00	93,706	89,267	89,267	-	28,500
I <sub>a,CP,H,7</sub>	1,00	30,886	29,422	29,422	29,422	-
I <sub>a,CP,V,7</sub>	1,00	30,886	29,422	29,422	-	9,394
I <sub>a,CP,H,8</sub>	1,00	56,858	54,164	54,164	54,164	-
I <sub>a,CP,V,8</sub>	1,00	56,858	54,164	54,164	-	17,293
I <sub>a,CP,H,9</sub>	1,00	66,685	63,526	63,526	63,526	-
I <sub>a,CP,V,9</sub>	1,00	66,685	63,526	63,526	-	20,282
I <sub>a,CP,H,10</sub>	1,00	35,097	33,435	33,435	33,435	-
I <sub>a,CP,V,10</sub>	1,00	35,097	33,435	33,435	-	10,675
I <sub>a,SC,H,1</sub>	1,30	21,499	20,480	26,624	26,624	-
I <sub>a,SC,V,1</sub>	0,00	21,499	20,480	0,000	-	0,000
I <sub>a,SC,H,2</sub>	1,30	120,098	54,089	70,315	70,315	-
I <sub>a,SC,V,2</sub>	0,00	120,098	54,089	0,000	-	0,000
I <sub>a,SC,H,3</sub>	1,30	46,418	44,219	57,484	57,484	-
I <sub>a,SC,V,3</sub>	0,00	46,418	44,219	0,000	-	0,000
I <sub>a,SC,H,4</sub>	1,30	16,516	15,734	20,454	20,454	-
I <sub>a,SC,V,4</sub>	0,00	16,516	15,734	0,000	-	0,000
I <sub>a,E,H,1</sub>	1,50	24,786	23,611	35,417	35,417	-
I <sub>a,E,V,1</sub>	0,00	24,786	23,611	0,000	-	0,000
I <sub>a,E,H,2</sub>	1,50	23,546	22,431	33,646	33,646	-
I <sub>a,E,V,2</sub>	0,00	23,546	22,431	0,000	-	0,000
I <sub>a,E,H,3</sub>	1,50	20,076	19,125	28,688	28,688	-
I <sub>a,E,V,3</sub>	0,00	20,076	19,125	0,000	-	0,000
I <sub>a,E,H,4</sub>	1,50	5,453	5,194	7,792	7,792	-
I <sub>a,E,V,4</sub>	0,00	5,453	5,194	0,000	-	0,000
I <sub>a,E,H,5</sub>	1,50	169,634	76,398	114,597	114,597	-
I <sub>a,E,V,5</sub>	0,00	169,634	76,398	0,000	-	0,000

<b>I<sub>a,E,H,6</sub></b>	1,50	161,152	72,578	108,868	108,868	-
<b>I<sub>a,E,V,6</sub></b>	0,00	161,152	72,578	0,000	-	0,000
<b>I<sub>a,E,H,7</sub></b>	1,50	68,702	30,941	46,412	46,412	-
<b>I<sub>a,E,V,7</sub></b>	0,00	68,702	30,941	0,000	-	0,000
<b>I<sub>a,E,H,8</sub></b>	1,50	53,514	50,979	76,469	76,469	-
<b>I<sub>a,E,V,8</sub></b>	0,00	53,514	50,979	0,000	-	0,000
<b>I<sub>a,E,H,9</sub></b>	1,50	25,419	24,215	36,323	36,323	-
<b>I<sub>a,E,V,9</sub></b>	0,00	25,419	24,215	0,000	-	0,000
<b>I<sub>a,E,H,10</sub></b>	1,50	3,174	3,023	4,535	4,535	-
<b>I<sub>a,E,V,10</sub></b>	0,00	3,174	3,023	0,000	-	0,000
<b>F<sub>H,estribo</sub></b>	1,00	-	167,455	167,455	167,455	-
<b>F<sub>V,estribo</sub></b>	1,00	-	1046,593	1046,593	-	375,412
<b>F<sub>H,gigante</sub></b>	1,00	-	442,373	442,373	442,373	-
<b>F<sub>V,gigante</sub></b>	1,00	-	2764,830	2764,830	-	991,742
<b>F<sub>H,sapata</sub></b>	1,00	-	-	0,000	0,000	-
<b>F<sub>V,sapata</sub></b>	1,00	-	900,000	900,000	-	322,829
<b>F<sub>H,terras</sub></b>	1,00	-	776,365	776,365	776,365	-
<b>F<sub>V,terras</sub></b>	1,00	-	4852,282	4852,282	-	1740,510
<b>F<sub>Ed,H,tab</sub></b>	-	-	-	77,260	77,260	-
<b>F<sub>Ed,V,tab</sub></b>	-	-	-	1545,196	-	1545,196
				<b>∑ =</b>	2849,197	5204,966

➤ **Encontro E2**

ELU de Deslizamento (Sobrecarga como acção variável base)						
Designação	$\gamma$	I [kN]	Impulso/Força [kN]		Forças [kN]	
			$E_k$	$E_d$	Deslizante	Estabilizante
I <sub>a,CP,H,1</sub>	1,00	19,597	18,668	18,668	18,668	-
I <sub>a,CP,V,1</sub>	1,00	19,597	18,668	18,668	-	5,960
I <sub>a,CP,H,2</sub>	1,00	213,083	95,967	95,967	95,967	-
I <sub>a,CP,V,2</sub>	1,00	213,083	95,967	95,967	-	30,639
I <sub>a,CP,H,3</sub>	1,00	196,134	88,333	88,333	88,333	-
I <sub>a,CP,V,3</sub>	1,00	196,134	88,333	88,333	-	28,202
I <sub>a,CP,H,4</sub>	1,00	84,582	80,575	80,575	80,575	-
I <sub>a,CP,V,4</sub>	1,00	84,582	80,575	80,575	-	25,725
I <sub>a,CP,H,5</sub>	1,00	155,708	148,331	148,331	148,331	-
I <sub>a,CP,V,5</sub>	1,00	155,708	148,331	148,331	-	47,358
I <sub>a,CP,H,6</sub>	1,00	91,267	86,943	86,943	86,943	-
I <sub>a,CP,V,6</sub>	1,00	91,267	86,943	86,943	-	27,759
I <sub>a,CP,H,7</sub>	1,00	30,110	28,684	28,684	28,684	-
I <sub>a,CP,V,7</sub>	1,00	30,110	28,684	28,684	-	9,158
I <sub>a,CP,H,8</sub>	1,00	55,430	52,804	52,804	52,804	-
I <sub>a,CP,V,8</sub>	1,00	55,430	52,804	52,804	-	16,859
I <sub>a,CP,H,9</sub>	1,00	64,980	61,901	61,901	61,901	-
I <sub>a,CP,V,9</sub>	1,00	64,980	61,901	61,901	-	19,763
I <sub>a,CP,H,10</sub>	1,00	34,216	32,595	32,595	32,595	-
I <sub>a,CP,V,10</sub>	1,00	34,216	32,595	32,595	-	10,407
I <sub>a,SC,H,1</sub>	1,30	20,959	19,966	25,956	25,956	-
I <sub>a,SC,V,1</sub>	0,00	20,959	19,966	0,000	-	0,000
I <sub>a,SC,H,2</sub>	1,30	113,948	51,319	66,715	66,715	-
I <sub>a,SC,V,2</sub>	0,00	113,948	51,319	0,000	-	0,000
I <sub>a,SC,H,3</sub>	1,30	45,231	43,088	56,015	56,015	-
I <sub>a,SC,V,3</sub>	0,00	45,231	43,088	0,000	-	0,000
I <sub>a,SC,H,4</sub>	1,30	16,102	15,339	19,941	19,941	-
I <sub>a,SC,V,4</sub>	0,00	16,102	15,339	0,000	-	0,000
I <sub>a,E,H,1</sub>	1,50	2,285	2,177	3,265	3,265	-
I <sub>a,E,V,1</sub>	0,00	2,285	2,177	0,000	-	0,000
I <sub>a,E,H,2</sub>	1,50	22,041	20,997	31,496	31,496	-
I <sub>a,E,V,2</sub>	0,00	22,041	20,997	0,000	-	0,000
I <sub>a,E,H,3</sub>	1,50	18,802	17,911	26,867	26,867	-
I <sub>a,E,V,3</sub>	0,00	18,802	17,911	0,000	-	0,000
I <sub>a,E,H,4</sub>	1,50	5,107	4,865	7,297	7,297	-
I <sub>a,E,V,4</sub>	0,00	5,107	4,865	0,000	-	0,000

<b>I<sub>a,E,H,5</sub></b>	1,50	148,868	67,046	100,569	100,569	-
<b>I<sub>a,E,V,5</sub></b>	0,00	148,868	67,046	0,000	-	0,000
<b>I<sub>a,E,H,6</sub></b>	1,50	141,357	63,663	95,495	95,495	-
<b>I<sub>a,E,V,6</sub></b>	0,00	141,357	63,663	0,000	-	0,000
<b>I<sub>a,E,H,7</sub></b>	1,50	20,380	9,179	13,768	13,768	-
<b>I<sub>a,E,V,7</sub></b>	0,00	20,380	9,179	0,000	-	0,000
<b>I<sub>a,E,H,8</sub></b>	1,50	2,746	2,616	3,925	3,925	-
<b>I<sub>a,E,V,8</sub></b>	0,00	2,746	2,616	0,000	-	0,000
<b>I<sub>a,E,H,9</sub></b>	1,50	8,039	7,659	11,488	11,488	-
<b>I<sub>a,E,V,9</sub></b>	0,00	8,039	7,659	0,000	-	0,000
<b>I<sub>a,E,H,10</sub></b>	1,50	8,916	8,494	12,741	12,741	-
<b>I<sub>a,E,V,10</sub></b>	0,00	8,916	8,494	0,000	-	0,000
<b>F<sub>H,estribo</sub></b>	1,00	-	167,455	167,455	167,455	-
<b>F<sub>V,estribo</sub></b>	1,00	-	1046,593	1046,593	-	375,412
<b>F<sub>H,gigante</sub></b>	1,00	-	442,254	442,254	442,254	-
<b>F<sub>V,gigante</sub></b>	1,00	-	2764,086	2764,086	-	991,476
<b>F<sub>H,sapata</sub></b>	1,00	-	-	-	-	-
<b>F<sub>V,sapata</sub></b>	1,00	-	900,000	900,000	-	322,829
<b>F<sub>H,terras</sub></b>	1,00	-	861,946	861,946	861,946	-
<b>F<sub>V,terras</sub></b>	1,00	-	5387,161	5387,161	-	1932,370
<b>F<sub>Ed,H,tab</sub></b>	-	-	-	77,310	77,310	-
<b>F<sub>Ed,V,tab</sub></b>	-	-	-	1546,808	-	554,839
				<b>Σ =</b>	<b>2719,302</b>	<b>4398,757</b>

<b>ELU de Deslizamento (Sismo como acção variável base)</b>						
<b>Designação</b>	$\gamma$	<b>I [kN]</b>	<b>Impulso/Força [kN]</b>		<b>Forças [kN]</b>	
			<b>E<sub>k</sub></b>	<b>E<sub>d</sub></b>	<b>Deslizante</b>	<b>Estabilizante</b>
I <sub>a,CP,H,1</sub>	1,00	19,597	18,668	18,668	18,668	-
I <sub>a,CP,V,1</sub>	1,00	19,597	18,668	18,668	-	5,960
I <sub>a,CP,H,2</sub>	1,00	213,083	95,967	95,967	95,967	-
I <sub>a,CP,V,2</sub>	1,00	213,083	95,967	95,967	-	30,639
I <sub>a,CP,H,3</sub>	1,00	196,134	88,333	88,333	88,333	-
I <sub>a,CP,V,3</sub>	1,00	196,134	88,333	88,333	-	28,202
I <sub>a,CP,H,4</sub>	1,00	84,582	80,575	80,575	80,575	-
I <sub>a,CP,V,4</sub>	1,00	84,582	80,575	80,575	-	25,725
I <sub>a,CP,H,5</sub>	1,00	155,708	148,331	148,331	148,331	-
I <sub>a,CP,V,5</sub>	1,00	155,708	148,331	148,331	-	47,358
I <sub>a,CP,H,6</sub>	1,00	91,267	86,943	86,943	86,943	-
I <sub>a,CP,V,6</sub>	1,00	91,267	86,943	86,943	-	27,759
I <sub>a,CP,H,7</sub>	1,00	30,110	28,684	28,684	28,684	-
I <sub>a,CP,V,7</sub>	1,00	30,110	28,684	28,684	-	9,158
I <sub>a,CP,H,8</sub>	1,00	55,430	52,804	52,804	52,804	-
I <sub>a,CP,V,8</sub>	1,00	55,430	52,804	52,804	-	16,859
I <sub>a,CP,H,9</sub>	1,00	64,980	61,901	61,901	61,901	-
I <sub>a,CP,V,9</sub>	1,00	64,980	61,901	61,901	-	19,763
I <sub>a,CP,H,10</sub>	1,00	34,216	32,595	32,595	32,595	-
I <sub>a,CP,V,10</sub>	1,00	34,216	32,595	32,595	-	10,407
I <sub>a,SC,H,1</sub>	1,30	20,959	19,966	25,956	25,956	-
I <sub>a,SC,V,1</sub>	0,00	20,959	19,966	0,000	-	0,000
I <sub>a,SC,H,2</sub>	1,30	113,948	51,319	66,715	66,715	-
I <sub>a,SC,V,2</sub>	0,00	113,948	51,319	0,000	-	0,000
I <sub>a,SC,H,3</sub>	1,30	45,231	43,088	56,015	56,015	-
I <sub>a,SC,V,3</sub>	0,00	45,231	43,088	0,000	-	0,000
I <sub>a,SC,H,4</sub>	1,30	16,102	15,339	19,941	19,941	-
I <sub>a,SC,V,4</sub>	0,00	16,102	15,339	0,000	-	0,000
I <sub>a,E,H,1</sub>	1,50	2,285	2,177	3,265	3,265	-
I <sub>a,E,V,1</sub>	0,00	2,285	2,177	0,000	-	0,000
I <sub>a,E,H,2</sub>	1,50	22,041	20,997	31,496	31,496	-
I <sub>a,E,V,2</sub>	0,00	22,041	20,997	0,000	-	0,000
I <sub>a,E,H,3</sub>	1,50	18,802	17,911	26,867	26,867	-
I <sub>a,E,V,3</sub>	0,00	18,802	17,911	0,000	-	0,000
I <sub>a,E,H,4</sub>	1,50	5,107	4,865	7,297	7,297	-
I <sub>a,E,V,4</sub>	0,00	5,107	4,865	0,000	-	0,000
I <sub>a,E,H,5</sub>	1,50	148,868	67,046	100,569	100,569	-
I <sub>a,E,V,5</sub>	0,00	148,868	67,046	0,000	-	0,000

<b>I<sub>a,E,H,6</sub></b>	1,50	141,357	63,663	95,495	95,495	-
<b>I<sub>a,E,V,6</sub></b>	0,00	141,357	63,663	0,000	-	0,000
<b>I<sub>a,E,H,7</sub></b>	1,50	20,380	9,179	13,768	13,768	-
<b>I<sub>a,E,V,7</sub></b>	0,00	20,380	9,179	0,000	-	0,000
<b>I<sub>a,E,H,8</sub></b>	1,50	2,746	2,616	3,925	3,925	-
<b>I<sub>a,E,V,8</sub></b>	0,00	2,746	2,616	0,000	-	0,000
<b>I<sub>a,E,H,9</sub></b>	1,50	8,039	7,659	11,488	11,488	-
<b>I<sub>a,E,V,9</sub></b>	0,00	8,039	7,659	0,000	-	0,000
<b>I<sub>a,E,H,10</sub></b>	1,50	8,916	8,494	12,741	12,741	-
<b>I<sub>a,E,V,10</sub></b>	0,00	8,916	8,494	0,000	-	0,000
<b>F<sub>H,estribo</sub></b>	1,00	-	167,455	167,455	167,455	-
<b>F<sub>V,estribo</sub></b>	1,00	-	1046,593	1046,593	-	375,412
<b>F<sub>H,gigante</sub></b>	1,00	-	442,254	442,254	442,254	-
<b>F<sub>V,gigante</sub></b>	1,00	-	2764,086	2764,086	-	991,476
<b>F<sub>H,sapata</sub></b>	1,00	-	-	0,000	0,000	-
<b>F<sub>V,sapata</sub></b>	1,00	-	900,000	900,000	-	322,829
<b>F<sub>H,terras</sub></b>	1,00	-	861,946	861,946	861,946	-
<b>F<sub>V,terras</sub></b>	1,00	-	5387,161	5387,161	-	1932,370
<b>F<sub>Ed,H,tab</sub></b>	-	-	-	77,340	77,340	-
<b>F<sub>Ed,V,tab</sub></b>	-	-	-	1546,808	-	554,839
				<b>∑ =</b>	<b>2719,332</b>	<b>4398,757</b>



## Anexo O – Estado limite de rotura do terreno de fundação dos encontros

### ➤ Encontro E1

(Sobrecarga como acção variável base)									
Designação	$\gamma$	I [kN]	Impulso/Força [kN]		Braço [m]	Forças horizontais		Forças verticais	
			$E_k$	$E_d$		$F_{Ed,Hi}$ [kN]	$F_{Ed,Hi} \times b_{Hi}$ [kN.m]	$F_{Ed,Vi}$ [kN]	$F_{Ed,Vi} \times b_{Vi}$ [kN.m]
I <sub>a,CP,H,1</sub>	1,35	16,250	15,480	20,899	12,413	20,899	259,414	-	-
I <sub>a,CP,V,1</sub>	1,00	16,250	15,480	15,480	4,500	-	-	15,480	69,662
I <sub>a,CP,H,2</sub>	1,35	214,982	96,822	130,709	11,310	130,709	1478,322	-	-
I <sub>a,CP,V,2</sub>	1,00	214,982	96,822	96,822	4,500	-	-	96,822	435,698
I <sub>a,CP,H,3</sub>	1,35	197,881	89,120	120,312	11,040	120,312	1328,244	-	-
I <sub>a,CP,V,3</sub>	1,00	197,881	89,120	89,120	4,500	-	-	89,120	401,040
I <sub>a,CP,H,4</sub>	1,35	70,172	66,847	90,244	9,550	90,244	861,828	-	-
I <sub>a,CP,V,4</sub>	1,00	70,172	66,847	66,847	4,500	-	-	66,847	300,812
I <sub>a,CP,H,5</sub>	1,35	129,179	123,060	166,131	9,550	166,131	1586,546	-	-
I <sub>a,CP,V,5</sub>	1,00	129,179	123,060	123,060	4,500	-	-	123,060	553,768
I <sub>a,CP,H,6</sub>	1,35	75,753	72,165	97,422	9,233	97,422	899,499	-	-
I <sub>a,CP,V,6</sub>	1,00	75,753	72,165	72,165	4,500	-	-	72,165	324,741
I <sub>a,CP,H,7</sub>	1,35	8,323	7,929	10,703	7,600	10,703	81,346	-	-
I <sub>a,CP,V,7</sub>	1,00	8,323	7,929	7,929	4,500	-	-	7,929	35,678
I <sub>a,CP,H,8</sub>	1,35	15,322	14,596	19,704	7,600	19,704	149,751	-	-
I <sub>a,CP,V,8</sub>	1,00	15,322	14,596	14,596	4,500	-	-	14,596	65,680
I <sub>a,CP,H,9</sub>	1,35	17,970	17,118	23,110	7,600	23,110	175,634	-	-
I <sub>a,CP,V,9</sub>	1,00	17,970	17,118	17,118	4,500	-	-	17,118	77,033
I <sub>a,CP,H,10</sub>	1,35	3,783	3,604	4,865	7,267	4,865	35,356	-	-
I <sub>a,CP,V,10</sub>	1,00	3,783	3,604	3,604	4,500	-	-	3,604	16,217
I <sub>a,SC,H,1</sub>	1,50	17,380	16,557	24,835	12,560	24,835	311,926	-	-
I <sub>a,SC,V,1</sub>	0,00	17,380	16,557	0,000	4,500	-	-	0,000	0,000
I <sub>a,SC,H,2</sub>	1,50	114,964	51,776	77,664	11,310	77,664	878,385	-	-
I <sub>a,SC,V,2</sub>	0,00	114,964	51,776	0,000	4,500	-	-	0,000	0,000
I <sub>a,SC,H,3</sub>	1,50	37,525	35,747	53,621	9,550	53,621	512,078	-	-
I <sub>a,SC,V,3</sub>	0,00	37,525	35,747	0,000	4,500	-	-	0,000	0,000
I <sub>a,SC,H,4</sub>	1,50	4,451	4,240	6,360	7,600	6,360	48,334	-	-
I <sub>a,SC,V,4</sub>	0,00	4,451	4,240	0,000	4,500	-	-	0,000	0,000
I <sub>a,E,H,1</sub>	1,50	22,135	21,087	31,630	12,560	31,630	397,273	-	-
I <sub>a,E,V,1</sub>	0,00	22,135	21,087	0,000	4,500	-	-	0,000	0,000
I <sub>a,E,H,2</sub>	1,50	52,571	50,081	75,121	12,560	75,121	943,524	-	-
I <sub>a,E,V,2</sub>	0,00	52,571	50,081	0,000	4,500	-	-	0,000	0,000
I <sub>a,E,H,3</sub>	1,50	44,824	42,701	64,051	12,560	64,051	804,478	-	-

<b>I<sub>a,E,V,3</sub></b>	0,00	44,824	42,701	0,000	4,500	-	-	0,000	0,000
<b>I<sub>a,E,H,4</sub></b>	1,50	12,174	11,598	17,397	12,707	17,397	221,058	-	-
<b>I<sub>a,E,V,4</sub></b>	0,00	12,174	11,598	0,000	4,500	-	-	0,000	0,000
<b>I<sub>a,E,H,5</sub></b>	1,50	80,734	36,360	54,541	11,310	54,541	616,855	-	-
<b>I<sub>a,E,V,5</sub></b>	0,00	80,734	36,360	0,000	4,500	-	-	0,000	0,000
<b>I<sub>a,E,H,6</sub></b>	1,50	191,744	86,356	129,534	11,310	129,534	1465,030	-	-
<b>I<sub>a,E,V,6</sub></b>	0,00	191,744	86,356	0,000	4,500	-	-	0,000	0,000
<b>I<sub>a,E,H,7</sub></b>	1,50	81,743	36,815	55,222	11,580	55,222	639,475	-	-
<b>I<sub>a,E,V,7</sub></b>	0,00	81,743	36,815	0,000	4,500	-	-	0,000	0,000
<b>I<sub>a,E,H,8</sub></b>	1,50	47,792	45,528	68,292	9,550	68,292	652,190	-	-
<b>I<sub>a,E,V,8</sub></b>	0,00	47,792	45,528	0,000	4,500	-	-	0,000	0,000
<b>I<sub>a,E,H,9</sub></b>	1,50	56,753	54,065	81,097	9,867	81,097	800,183	-	-
<b>I<sub>a,E,V,9</sub></b>	0,00	56,753	54,065	0,000	4,500	-	-	0,000	0,000
<b>I<sub>a,E,H,10</sub></b>	1,50	2,834	2,700	4,050	7,933	4,050	32,128	-	-
<b>I<sub>a,E,V,10</sub></b>	0,00	2,834	2,700	0,000	4,500	-	-	0,000	0,000
<b>F<sub>H,estribo</sub></b>	1,35	-	167,455	226,064	9,860	226,064	2229,083	-	-
<b>F<sub>V,estribo</sub></b>	1,00	-	1046,593	1046,593	-0,713	-	-	1046,593	-746,640
<b>F<sub>H,gigante</sub></b>	1,35	-	147,458	199,068	5,390	199,068	1072,975	-	-
<b>F<sub>V,gigante</sub></b>	1,00	-	921,610	921,610	0,216	-	-	921,610	198,883
<b>F<sub>H,sapata</sub></b>	1,35	-	-	0,000	0,500	0,000	0,000	-	-
<b>F<sub>V,sapata</sub></b>	1,00	-	1125,000	1125,000	0,000	-	-	1125,000	0,000
<b>F<sub>H,terras,esq</sub></b>	1,35	-	442,270	597,065	5,327	597,065	3180,685	-	-
<b>F<sub>V,terras,esq</sub></b>	1,00	-	2764,190	2764,190	3,609	-	-	2764,190	9976,514
<b>F<sub>H,terras,dir</sub></b>	1,35	-	334,095	451,028	4,270	451,028	1925,664	-	-
<b>F<sub>V,terras,dir</sub></b>	1,00	-	2088,092	2088,092	-3,588	-	-	2088,092	-7491,866
<b>F<sub>Ed,H,tab</sub></b>	-	-	-	195,026	10,000	195,026	1950,259	-	-
<b>F<sub>Ed,V,tab</sub></b>	-	-	-	3900,517	2,500	-	-	3900,517	9751,294
					<b>Σ =</b>	<b>3095,764</b>	<b>25537,523</b>	<b>12352,743</b>	<b>13968,514</b>

➤ **Encontro E2**

(Sobrecarga como acção variável base)									
Designação	$\gamma$	I [kN]	Impulso/Força [kN]		Braço [m]	Forças horizontais		Forças verticais	
			$E_k$	$E_d$		$F_{Ed,Hi}$ [kN]	$F_{Ed,Hi} \times b_{Hi}$ [kN.m]	$F_{Ed,Vi}$ [kN]	$F_{Ed,Vi} \times b_{Vi}$ [kN.m]
I <sub>a,CP,H,1</sub>	1,35	15,888	15,136	20,433	12,413	20,433	253,635	-	-
I <sub>a,CP,V,1</sub>	1,00	15,888	15,136	15,136	4,500	-	-	15,136	68,110
I <sub>a,CP,H,2</sub>	1,35	204,361	92,039	124,252	11,310	124,252	1405,291	-	-
I <sub>a,CP,V,2</sub>	1,00	204,361	92,039	92,039	4,500	-	-	92,039	414,174
I <sub>a,CP,H,3</sub>	1,35	188,105	84,717	114,368	11,040	114,368	1262,627	-	-
I <sub>a,CP,V,3</sub>	1,00	188,105	84,717	84,717	4,500	-	-	84,717	381,228
I <sub>a,CP,H,4</sub>	1,35	68,576	65,327	88,192	9,550	88,192	842,270	-	-
I <sub>a,CP,V,4</sub>	1,00	68,576	65,327	65,327	4,500	-	-	65,327	293,972
I <sub>a,CP,H,5</sub>	1,35	126,242	120,261	162,353	9,550	162,353	1550,543	-	-
I <sub>a,CP,V,5</sub>	1,00	126,242	120,261	120,261	4,500	-	-	120,261	541,176
I <sub>a,CP,H,6</sub>	1,35	73,996	70,490	95,162	9,550	95,162	908,838	-	-
I <sub>a,CP,V,6</sub>	1,00	73,996	70,490	70,490	4,500	-	-	70,490	317,206
I <sub>a,CP,H,7</sub>	1,35	8,137	7,752	10,465	7,601	10,465	79,545	-	-
I <sub>a,CP,V,7</sub>	1,00	8,137	7,752	7,752	4,500	-	-	7,752	34,884
I <sub>a,CP,H,8</sub>	1,35	14,980	14,271	19,265	7,601	19,265	146,435	-	-
I <sub>a,CP,V,8</sub>	1,00	14,980	14,271	14,271	4,500	-	-	14,271	64,217
I <sub>a,CP,H,9</sub>	1,35	17,561	16,729	22,584	7,601	22,584	171,663	-	-
I <sub>a,CP,V,9</sub>	1,00	17,561	16,729	16,729	4,500	-	-	16,729	75,281
I <sub>a,CP,H,10</sub>	1,35	9,247	8,809	11,892	7,268	11,892	86,432	-	-
I <sub>a,CP,V,10</sub>	1,00	9,247	8,809	8,809	4,500	-	-	8,809	39,640
I <sub>a,SC,H,1</sub>	1,50	16,993	16,188	24,282	12,560	24,282	304,978	-	-
I <sub>a,SC,V,1</sub>	0,00	16,993	16,188	0,000	4,500	-	-	0,000	0,000
I <sub>a,SC,H,2</sub>	1,50	109,284	49,218	73,828	11,310	73,828	834,992	-	-
I <sub>a,SC,V,2</sub>	0,00	109,284	49,218	0,000	4,500	-	-	0,000	0,000
I <sub>a,SC,H,3</sub>	1,50	36,672	34,934	52,401	9,550	52,401	500,458	-	-
I <sub>a,SC,V,3</sub>	0,00	36,672	34,934	0,000	4,500	-	-	0,000	0,000
I <sub>a,SC,H,4</sub>	1,50	4,352	4,145	6,218	7,601	6,218	47,264	-	-
I <sub>a,SC,V,4</sub>	0,00	4,352	4,145	0,000	4,500	-	-	0,000	0,000
I <sub>a,E,H,1</sub>	1,50	52,282	49,805	74,708	12,560	74,708	938,335	-	-
I <sub>a,E,V,1</sub>	0,00	52,282	49,805	0,000	4,500	-	-	0,000	0,000
I <sub>a,E,H,2</sub>	1,50	49,645	47,293	70,939	12,560	70,939	890,996	-	-
I <sub>a,E,V,2</sub>	0,00	49,645	47,293	0,000	4,500	-	-	0,000	0,000
I <sub>a,E,H,3</sub>	1,50	42,349	40,342	60,514	12,560	60,514	760,051	-	-
I <sub>a,E,V,3</sub>	0,00	42,349	40,342	0,000	4,500	-	-	0,000	0,000
I <sub>a,E,H,4</sub>	1,50	11,502	10,957	16,436	12,707	16,436	208,850	-	-

<b>I<sub>a,E,V,4</sub></b>	0,00	11,502	10,957	0,000	4,500	-	-	0,000	0,000
<b>I<sub>a,E,H,5</sub></b>	1,50	176,255	79,380	119,070	11,310	119,070	1346,682	-	-
<b>I<sub>a,E,V,5</sub></b>	0,00	176,255	79,380	0,000	4,500	-	-	0,000	0,000
<b>I<sub>a,E,H,6</sub></b>	1,50	167,362	75,375	113,063	11,310	113,063	1278,742	-	-
<b>I<sub>a,E,V,6</sub></b>	0,00	167,362	75,375	0,000	4,500	-	-	0,000	0,000
<b>I<sub>a,E,H,7</sub></b>	1,50	8,043	3,622	5,434	11,580	5,434	62,921	-	-
<b>I<sub>a,E,V,7</sub></b>	0,00	8,043	3,622	0,000	4,500	-	-	0,000	0,000
<b>I<sub>a,E,H,8</sub></b>	1,50	12,713	12,111	18,166	9,550	18,166	173,496	-	-
<b>I<sub>a,E,V,8</sub></b>	0,00	12,713	12,111	0,000	4,500	-	-	0,000	0,000
<b>I<sub>a,E,H,9</sub></b>	1,50	6,036	5,750	8,625	9,867	8,625	85,102	-	-
<b>I<sub>a,E,V,9</sub></b>	0,00	6,036	5,750	0,000	4,500	-	-	0,000	0,000
<b>I<sub>a,E,H,10</sub></b>	1,50	6,694	6,377	9,566	7,934	9,566	75,894	-	-
<b>I<sub>a,E,V,10</sub></b>	0,00	6,694	6,377	0,000	4,500	-	-	0,000	0,000
<b>F<sub>H,estribo</sub></b>	1,35	-	167,455	226,064	9,860	226,064	2229,083	-	-
<b>F<sub>V,estribo</sub></b>	1,00	-	1046,593	1046,593	0,713	-	-	1046,593	746,640
<b>F<sub>H,gigante</sub></b>	1,35	-	147,418	199,014	5,390	199,014	1072,686	-	-
<b>F<sub>V,gigante</sub></b>	1,00	-	921,362	921,362	-0,216	-	-	921,362	-198,830
<b>F<sub>H,sapata</sub></b>	1,35	-	-	0,000	0,500	0,000	0,000	-	-
<b>F<sub>V,sapata</sub></b>	1,00	-	1125,000	1125,000	0,000	-	-	1125,000	0,000
<b>F<sub>H,terras,esq</sub></b>	1,35	-	390,812	527,597	4,825	527,597	2545,760	-	-
<b>F<sub>V,terras,esq</sub></b>	1,00	-	2442,578	2442,578	3,586	-	-	2442,578	8759,327
<b>F<sub>H,terras,dir</sub></b>	1,35	-	471,133	636,030	5,609	636,030	3567,237	-	-
<b>F<sub>V,terras,dir</sub></b>	1,00	-	2944,583	2944,583	-3,605	-	-	2944,583	-10615,811
<b>F<sub>Ed,H,tab</sub></b>	-	-	-	77,340	8,710	77,340	673,635	-	-
<b>F<sub>Ed,V,tab</sub></b>	-	-	-	1546,808	1,300	-	-	1546,808	2010,850
					<b>Σ =</b>	2988,261	24304,441	10522,454	2932,065



**Anexo P – Centro de rigidez do tabuleiro**

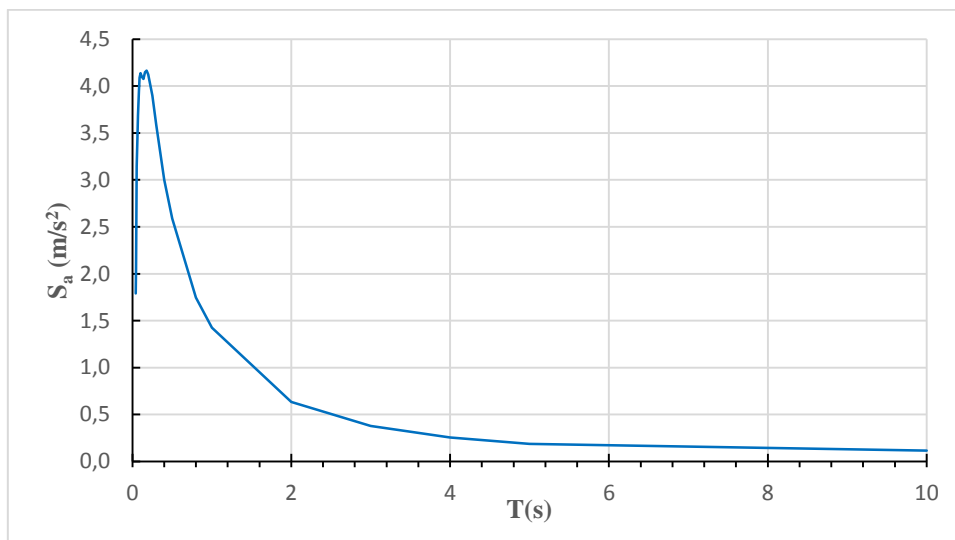
Elemento	Condições de fronteira	$X_i$ [m]	$L$ [m]	$E_{cm}$ [GPa]	$I_c$ [m <sup>4</sup> ]	$K_i$ [kN/m]	$K_i \cdot X_i$ [kN]	$X_{CR}$ [m]
<b>P1</b>	apoiado-encastado	36	24	34	1,150	8484,516	305442,573	162,309
<b>P2</b>	encastado-encastado	81	33	34	1,150	13055,063	1057460,087	
<b>P3</b>	encastado-encastado	126	38	34	1,150	8550,076	1077309,626	
<b>P4</b>	encastado-encastado	171	40	34	1,150	7330,622	1253536,319	
<b>P5</b>	encastado-encastado	216	30	34	1,150	17376,289	3753278,336	
<b>P6</b>	apoiado-encastado	261	20	34	1,150	14661,244	3826584,554	
					$\Sigma =$	69457,809	11273611,495	



### Anexo Q – Espectros de resposta do RSA

Acção Sísmica	
Zona:	A
Terreno:	Tipo II
$\xi =$	0,05

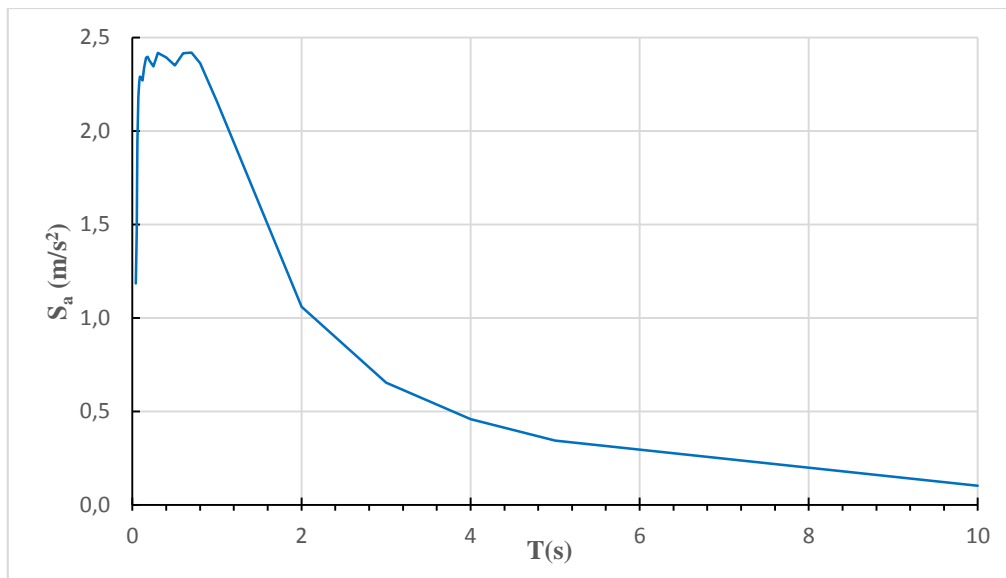
#### ➤ Acção Sísmica Tipo 1



Acção tipo 1 - Terreno tipo II	
T (seg.)	z = 5%
0,040	1,791
0,045	2,056
0,050	2,609
0,055	3,146
0,060	3,404
0,070	3,683
0,080	3,948
0,090	4,091
0,100	4,138
0,120	4,101
0,140	4,075
0,160	4,146
0,180	4,165

0,180	4,165
0,200	4,124
0,250	3,900
0,300	3,589
0,400	3,002
0,500	2,590
0,800	1,746
1,000	1,426
2,000	0,635
3,000	0,377
4,000	0,255
5,000	0,186
10,000	0,115

### ➤ Acção Sísmica Tipo 2



<b>Acção tipo 2 - Terreno tipo II</b>	
<b>T (seg.)</b>	<b>z = 5%</b>
0,040	1,185
0,045	1,275
0,050	1,471
0,055	1,729
0,060	1,944
0,070	2,182
0,080	2,267
0,090	2,291
0,100	2,287
0,120	2,270
0,140	2,339
0,160	2,391
0,180	2,397

0,200	2,377
0,250	2,346
0,300	2,417
0,400	2,394
0,500	2,351
0,600	2,416
0,700	2,419
0,800	2,363
1,000	2,156
2,000	1,060
3,000	0,655
4,000	0,459
5,000	0,345
10,000	0,103