

Tabela I: Variáveis aerodinâmicas da turbina com a configuração ideal.

r/R	β [°]	ϕ [°]	α [°]	c/R	C_l	C_d	C_l/C_d	a	a'	C_T	W [m/s]	R_e
0.150	26.009	32.086	6.078	0.226	1.018	0.029	35.341	0.318	0.208	0.867	9.863	152100.69
0.195	21.039	27.094	6.055	0.212	1.016	0.028	36.387	0.323	0.132	0.875	12.193	175629.19
0.239	17.225	23.264	6.039	0.193	1.015	0.027	37.021	0.326	0.090	0.879	14.704	193187.28
0.284	14.259	20.288	6.029	0.175	1.014	0.027	37.417	0.328	0.065	0.882	17.296	205945.13
0.329	11.913	17.936	6.023	0.159	1.014	0.027	37.680	0.330	0.049	0.883	19.929	215240.97
0.374	10.025	16.043	6.018	0.145	1.014	0.027	37.875	0.331	0.038	0.885	22.581	222098.17
0.418	8.479	14.493	6.014	0.132	1.013	0.027	38.006	0.331	0.030	0.886	25.245	227247.33
0.463	7.194	13.204	6.010	0.122	1.013	0.027	38.108	0.332	0.025	0.886	27.915	231172.47
0.508	6.112	12.119	6.008	0.112	1.013	0.027	38.173	0.332	0.020	0.886	30.591	234236.45
0.553	5.188	11.192	6.004	0.104	1.012	0.026	38.230	0.333	0.017	0.886	33.269	236616.08
0.597	4.393	10.392	5.999	0.098	1.012	0.026	38.253	0.333	0.014	0.886	35.947	238467.65
0.642	3.701	9.692	5.992	0.091	1.011	0.026	38.266	0.334	0.012	0.885	38.628	239889.27
0.687	3.093	9.073	5.980	0.086	1.010	0.026	38.257	0.335	0.011	0.883	41.307	240853.56
0.732	2.556	8.516	5.960	0.081	1.007	0.026	38.197	0.337	0.009	0.879	43.986	241292.43
0.776	2.078	8.005	5.927	0.076	1.003	0.026	38.060	0.340	0.008	0.871	46.666	241001.54
0.821	1.650	7.516	5.867	0.071	0.996	0.026	37.772	0.345	0.007	0.856	49.341	239393.37
0.866	1.264	7.023	5.758	0.067	0.983	0.026	37.221	0.356	0.006	0.829	52.011	235409.90
0.911	0.915	6.467	5.552	0.061	0.958	0.027	36.067	0.377	0.006	0.776	54.671	226496.16
0.955	0.598	5.684	5.086	0.053	0.901	0.027	33.355	0.427	0.005	0.658	57.312	204621.73

Tabela II: Variáveis aerodinâmicas da turbina com a configuração bi-linear.

r/R	β [°]	ϕ [°]	α [°]	c/R	C_l	C_d	C_l/C_d	a	a'	C_T	W [m/s]	R_e
0.150	24.000	35.519	11.519	0.131	1.533	0.063	24.234	0.244	0.177	0.738	10.584	94443.60
0.195	21.539	31.047	9.508	0.127	1.374	0.047	29.157	0.222	0.106	0.692	13.025	112635.48
0.239	19.079	27.183	8.104	0.123	1.237	0.039	31.660	0.211	0.070	0.665	15.525	129986.97
0.284	16.618	23.853	7.234	0.119	1.145	0.035	32.784	0.209	0.050	0.660	18.036	146042.29
0.329	14.158	20.952	6.794	0.115	1.097	0.033	33.540	0.216	0.038	0.676	20.543	160685.40
0.374	11.697	18.391	6.694	0.111	1.087	0.032	34.381	0.231	0.031	0.711	23.046	173923.63
0.418	9.237	16.089	6.852	0.107	1.106	0.031	35.356	0.257	0.026	0.763	25.550	185782.18
0.463	7.321	14.236	6.915	0.103	1.114	0.031	36.188	0.279	0.022	0.804	28.105	196626.29
0.508	6.711	13.151	6.440	0.099	1.060	0.029	36.462	0.275	0.018	0.796	30.779	206856.81
0.553	6.100	12.190	6.090	0.095	1.020	0.028	36.575	0.273	0.015	0.791	33.449	215591.44
0.597	5.490	11.332	5.841	0.091	0.992	0.027	36.632	0.272	0.013	0.789	36.117	222844.53
0.642	4.880	10.557	5.676	0.087	0.973	0.027	36.675	0.274	0.011	0.790	38.781	228605.77
0.687	4.270	9.851	5.580	0.083	0.962	0.026	36.744	0.277	0.010	0.792	41.444	232892.70
0.732	3.660	9.199	5.539	0.079	0.957	0.026	36.832	0.283	0.009	0.795	44.105	235705.81
0.776	3.050	8.585	5.534	0.075	0.957	0.026	36.884	0.291	0.008	0.796	46.762	237030.68
0.821	2.440	7.984	5.544	0.070	0.958	0.026	36.870	0.304	0.007	0.795	49.414	236872.24
0.866	1.830	7.356	5.526	0.066	0.956	0.026	36.681	0.325	0.006	0.786	52.059	235215.74
0.911	1.220	6.603	5.383	0.062	0.938	0.026	36.092	0.364	0.006	0.760	54.687	232033.80
0.955	0.610	5.360	4.750	0.058	0.863	0.025	34.048	0.459	0.005	0.683	57.281	227270.49

Tabela III: Variáveis aerodinâmicas da turbina com a configuração linear.

r/R	β [°]	ϕ [°]	α [°]	c/R	C_l	C_d	C_l/C_d	a	a'	C_T	W [m/s]	R_e
0.150	24.000	35.449	11.649	0.1461	1.540	0.066	23.280	0.246	0.177	0.741	10.570	102951.9
0.195	22.547	31.516	8.969	0.1416	1.323	0.045	29.527	0.210	0.102	0.665	13.130	123938.6
0.239	21.295	28.203	6.908	0.1371	1.108	0.035	31.709	0.181	0.063	0.594	15.762	144045.7
0.284	20.042	25.382	5.339	0.1326	0.928	0.030	31.011	0.158	0.040	0.533	18.401	162633.5
0.329	18.789	22.953	4.164	0.1281	0.790	0.027	29.252	0.141	0.028	0.485	21.028	179533.7
0.374	17.537	20.852	3.315	0.1236	0.690	0.025	27.537	0.129	0.020	0.450	23.643	194755.5
0.418	16.284	19.019	2.734	0.1191	0.621	0.024	26.289	0.122	0.015	0.428	26.248	208326.8
0.463	15.032	17.403	2.372	0.1145	0.579	0.023	25.584	0.119	0.012	0.418	28.845	220269.1
0.508	13.779	15.972	2.193	0.11	0.559	0.022	25.415	0.119	0.010	0.420	31.439	230636.9
0.553	12.526	14.688	2.162	0.1055	0.556	0.022	25.698	0.124	0.008	0.431	34.030	239416.7
0.597	11.274	13.532	2.258	0.101	0.567	0.022	26.388	0.131	0.007	0.452	36.622	246647.3
0.642	10.021	12.478	2.457	0.0965	0.591	0.022	27.428	0.142	0.007	0.480	39.215	252323.6
0.687	8.768	11.510	2.742	0.092	0.625	0.022	28.756	0.156	0.006	0.515	41.811	256460.8
0.732	7.516	10.610	3.094	0.0875	0.667	0.022	30.283	0.173	0.006	0.554	44.406	259033.8
0.776	6.263	9.757	3.494	0.083	0.714	0.022	31.921	0.194	0.006	0.595	47.001	260048.2
0.821	5.011	8.932	3.922	0.0785	0.766	0.023	33.507	0.221	0.006	0.636	49.595	259497.2
0.866	3.758	8.092	4.335	0.074	0.815	0.023	34.864	0.257	0.006	0.671	52.186	257375.5
0.911	2.505	7.138	4.633	0.0695	0.851	0.024	35.622	0.312	0.006	0.690	54.761	253615.6
0.955	1.253	5.707	4.455	0.065	0.829	0.024	34.652	0.424	0.005	0.657	57.304	248173.7