

# A Model of Animal Spirits via Sentiment Spreading

## Figures

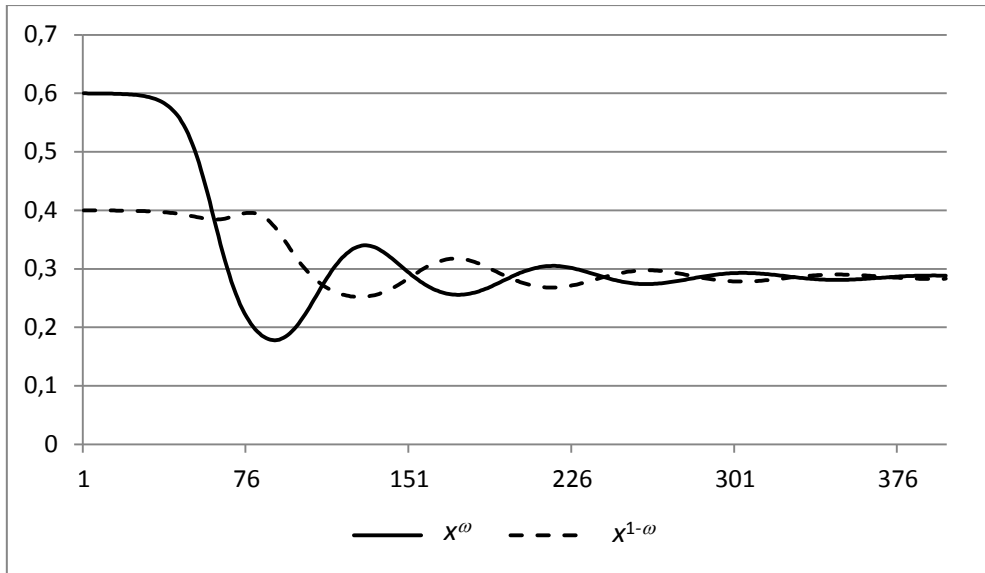


Fig.1 - Densities of susceptible optimists and susceptible pessimists

( $\lambda=0.25$ ,  $\sigma=1/3$ ,  $\theta=0.05$ ,  $k=1$ ).

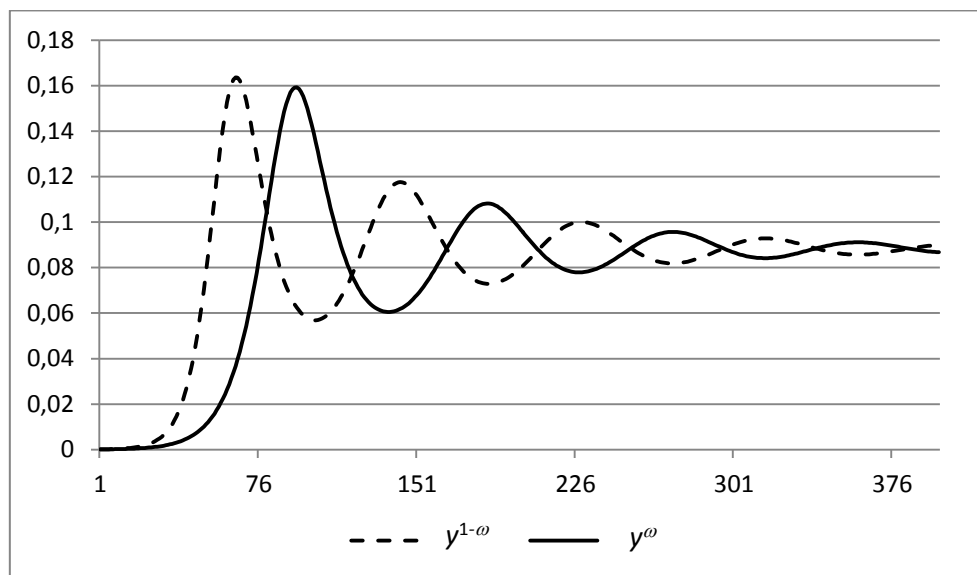


Fig.2 - Densities of exuberant optimists and exuberant pessimists

( $\lambda=0.25$ ,  $\sigma=1/3$ ,  $\theta=0.05$ ,  $k=1$ ).

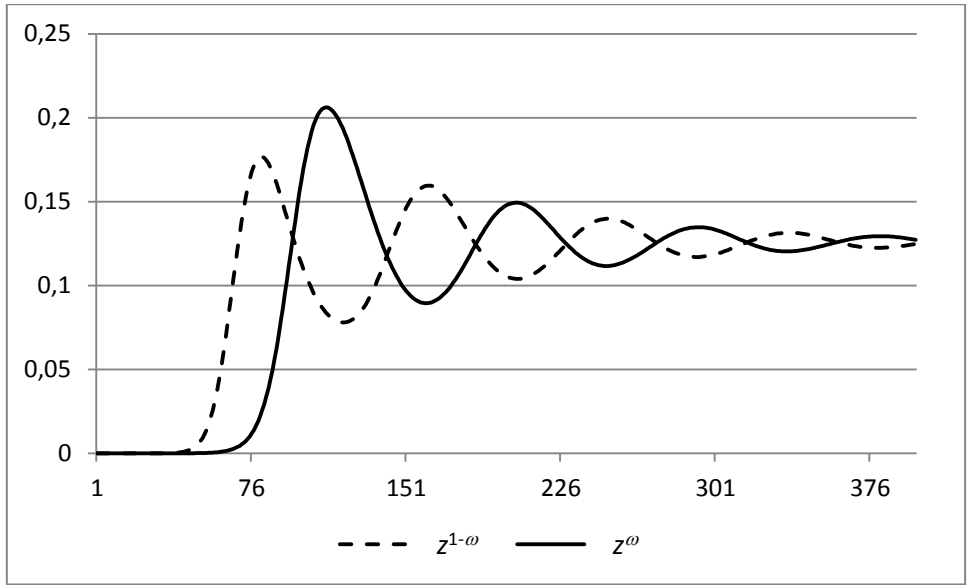


Fig.3 - Densities of non-susceptible optimists and non-susceptible pessimists

$$(\lambda=0.25, \sigma=1/3, \theta=0.05, k=1).$$

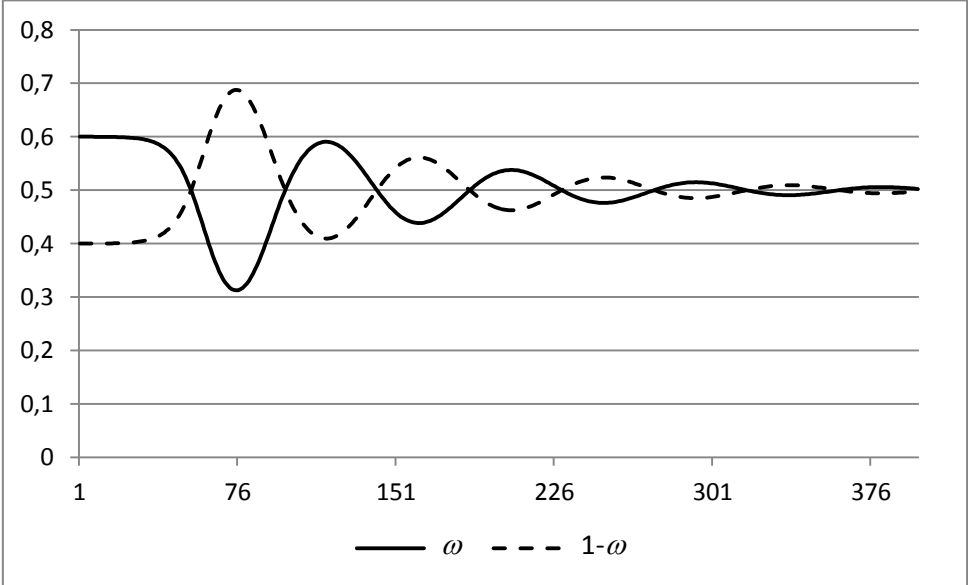


Fig.4 - Densities of optimists and pessimists

$$(\lambda=0.25, \sigma=1/3, \theta=0.05, k=1).$$

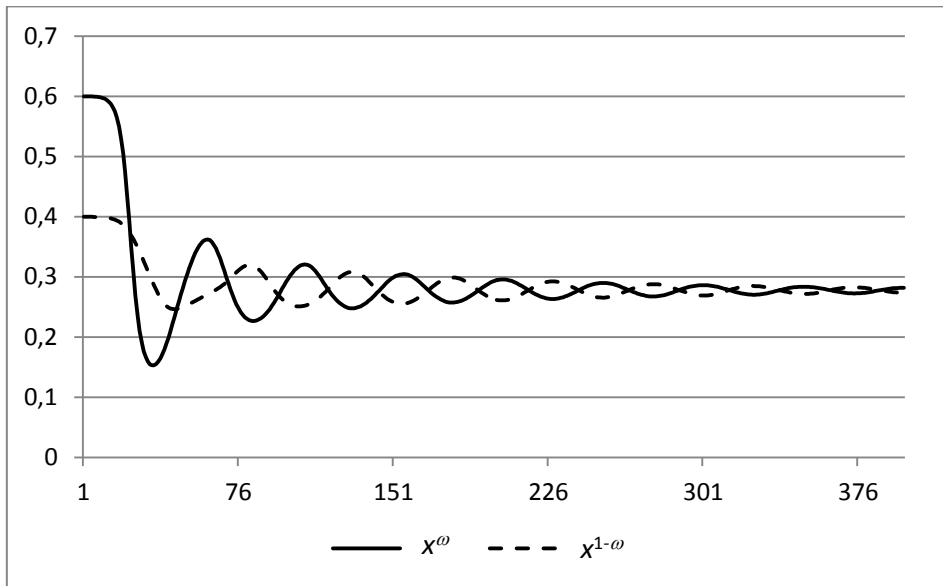


Fig.5 - Densities of susceptible optimists and susceptible pessimists  
 $(\lambda=0.25, \sigma=1/3, \theta=0.05, k=3)$ .

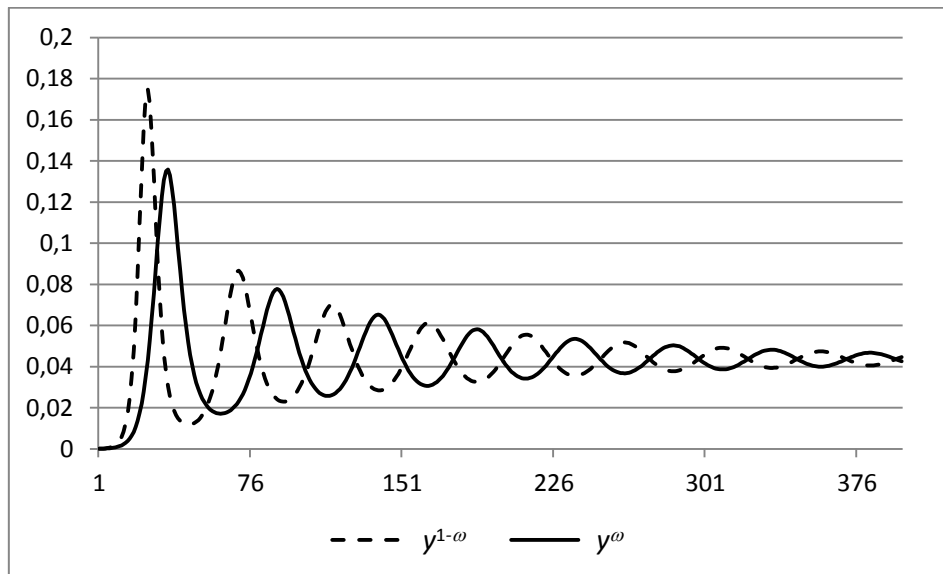


Fig.6 - Densities of exuberant optimists and exuberant pessimists  
 $(\lambda=0.25, \sigma=1/3, \theta=0.05, k=3)$ .

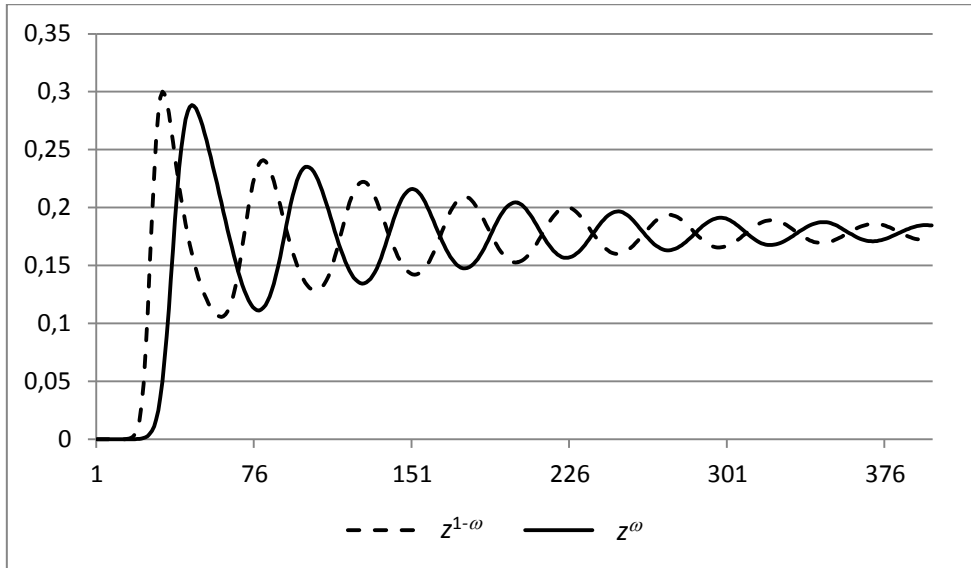


Fig.7 - Densities of non-susceptible optimists and non-susceptible pessimists  
 $(\lambda=0.25, \sigma=1/3, \theta=0.05, k=3)$ .

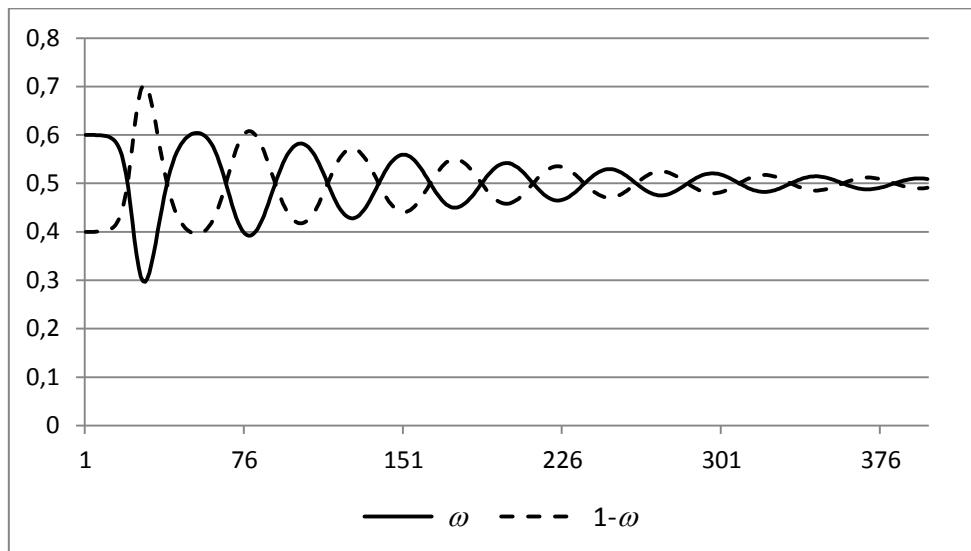


Fig.8 - Densities of optimists and pessimists  
 $(\lambda=0.25, \sigma=1/3, \theta=0.05, k=3)$ .

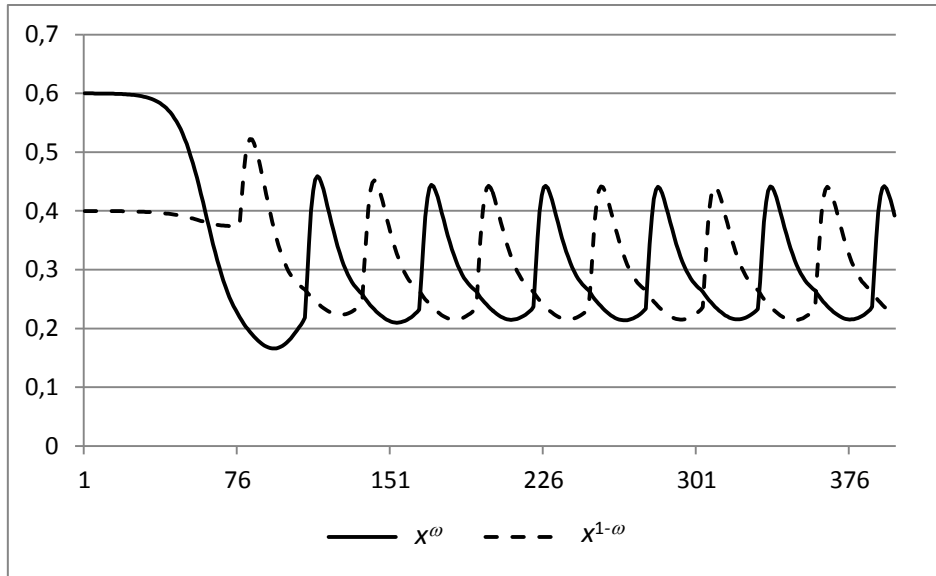


Fig.9 - Densities of susceptible optimists and susceptible pessimists

( $\lambda=0.25, \sigma=1/3, \theta_0=0.05, \phi=0.2, k=1$ ).

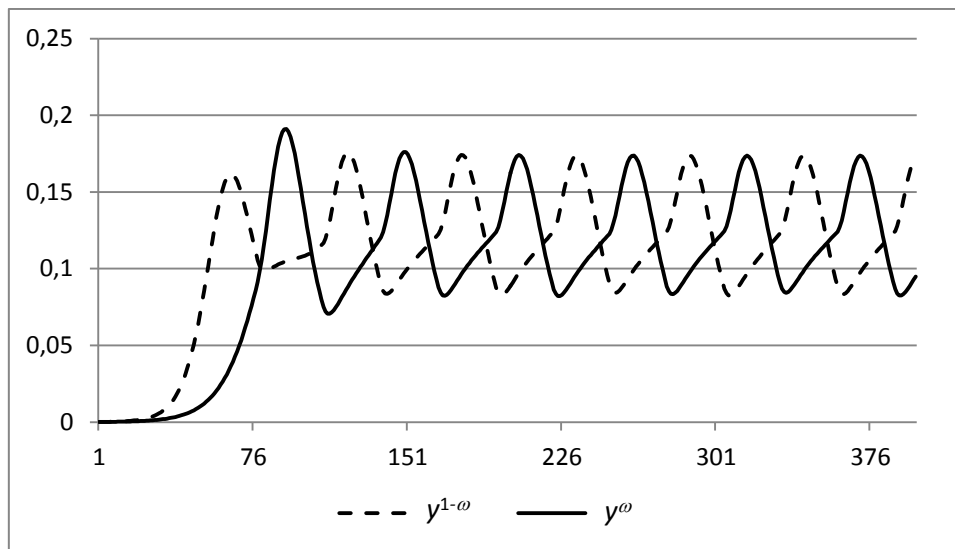


Fig.10 - Densities of exuberant optimists and exuberant pessimists

( $\lambda=0.25, \sigma=1/3, \theta_0=0.05, \phi=0.2, k=1$ ).

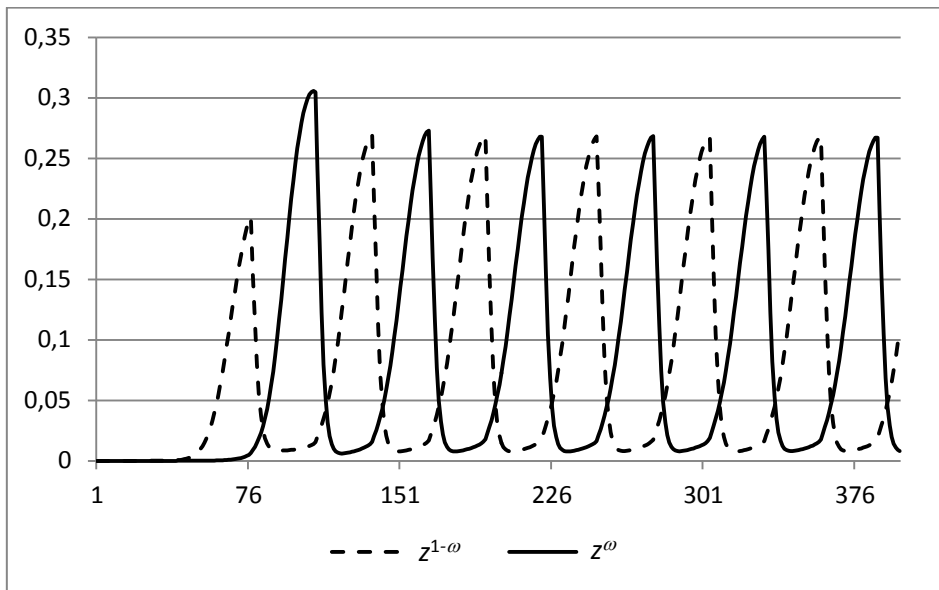


Fig.11 - Densities of non-susceptible optimists and non-susceptible pessimists

$$(\lambda=0.25, \sigma=1/3, \theta_0=0.05, \phi=0.2, k=1).$$

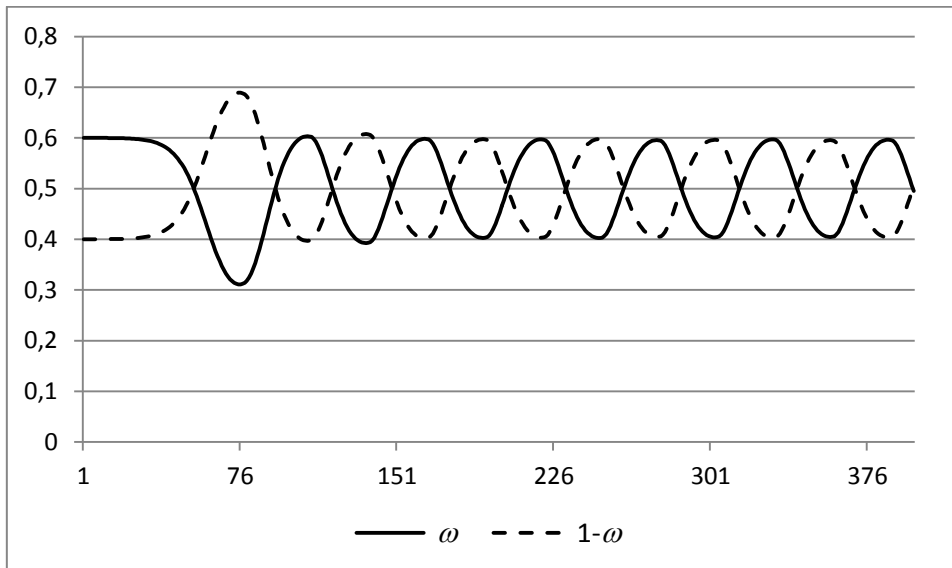


Fig.12 - Densities of optimists and pessimists

$$(\lambda=0.25, \sigma=1/3, \theta_0=0.05, \phi=0.2, k=1).$$

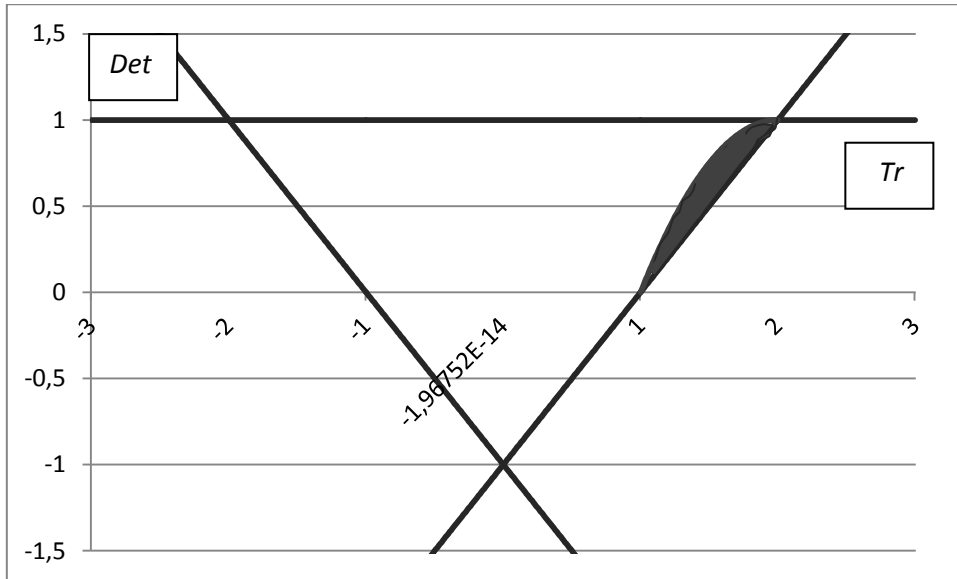


Fig.13- Stability in the Trace-Determinant Diagram.

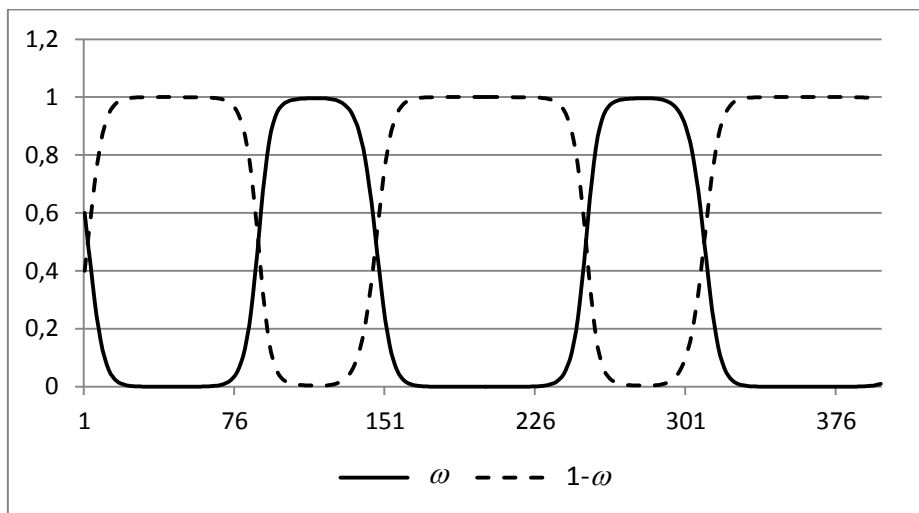


Fig.14 - Densities of optimists and pessimists in the minimal structure model

$$(\lambda=0.25, \sigma=1/3, \theta_0=0.05, \phi=0.2, k=1).$$