HW4:

1. **Competing species:** Consider model describing population dynamics of two competing species: **Two-species models**: Lecture notes "Mathematical modeling" by J. Lega.

   a) Present modeling equations in dimensionless form.

   b) Find stationary solutions.

   c) Analyze stability of stationary solutions.

   d) Express conditions of stability/instability in terms of original parameters and explain these conditions using language of population dynamics.