

$$\ddot{x}(t) + (6 + a \cos(2\pi t/T))x(t) = x(t - \tau_1) + x(t - \tau_2)$$

The stability chart for the case $a = 0$ is available in Stepan, Retarded Dynamical Systems, 1989.

Here, the stability chart for the case $a = 6$, $T = 5$ is presented. The colored domains are the stable ones. The chart was determined via the numeric technique called semi-discretization method (Insperger, Stepan, International Journal of Numerical Methods in Engineering, 2002, 2004).

