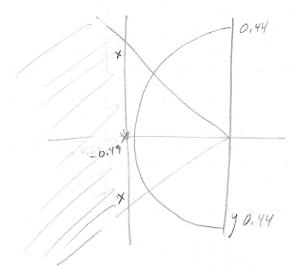
Homework D.10 - Solution

D. 10

a)
$$t_r < 5 \Rightarrow \omega_a > \frac{2.2}{5} = 0.44$$

The possible pole locations are



pule pote lockons of -0.49; -0.49

The desail the polynomial is

From the solution of problem Dig the closed lowp

Sola 010 Equehay terms give Ko = 0,98m - 6 = 4.4 RP = 0,2401 m - h = -1,7995 3