b) tcs) = 52+25+2 54+653+452+75+2 Amounts to solving for roots of the polynomial, use polos commandin matlab: -0,095 + 1,0671 toy -0,3173 - poles -5,491 I) 9-0,3750 Wn = 4 tp-0,8472 %05=28,0597 All values obtained using suff-made matlab function (see below after III) II) 9 + 0,0500 Wn - 0,2 Tp - 48 15,7276 905 -85,4468 III) 3-0,2469 Wn - 3,2404,103 tp=0,0000 %05-44,9154