Vitor Caralconti Matlab Broject Part 2) Jal fc = 1 2TRC of fc: 200 hg 200 = 1 2 T. RC RC = 1 2TT.200 Assuming $C = 15 \times 10^{-6} \text{ F}$ $R(15 \times 10^{-6}) = \frac{1}{2\pi (200)}$ R = 1 2 Tr 1200) (15 x 10-6) R = 53.05 12 C = 15x 10-6 F Guen the pole of an RC circuit is

 $\rho = -\frac{1}{BC}$

Given the unit impulse response is H(t) = 0Hlat1 = Q Rc & H(x) = 1 (53.03)(15×10⁻⁶) + (53.03)(15×10⁻⁶)