Nhat Ho a) We have: H= 625 × 10 H C= 25 × 10 F to = 211 TC = 211 625 × 10° × 25 × 10° 19 $f_{0} = \frac{1}{2\pi \times 1.25 \times 10^{7}} = 12.73 \times 10^{5} (H_{2}) = 1.273 \times 10^{6} (H_{2})$ $= 12.73 \times 10^{5} (H_{2}) = 1.273 \times 10^{6} (H_{2})$ b) This filter is Band Reject For lesonant; jul - j le = 0 & wL - le = 0 > W2LC = 1 => W= 1 = 20/=> f= 20/LC)