

ser Coo) $\frac{1}{5c_{1}} = \frac{1}{V_{1}(11)} = \frac{8(8^{2}+2)(8^{2}+5)}{2} = \frac{(2-1)(5-1)}{38(8^{2}+9/3)} = \frac{1}{5(9/3-1)} = \frac{1}{5(9/3-1)}$ 10 =1 $Z_{A} = \frac{1}{Y_{11}} - \frac{1}{5C_{1}} - \frac{1}{3S} \frac{1}{(S_{1}^{2} \times 1)(S_{1}^{2} \times 3)} - \frac{1}{5} = \frac{5^{4}}{5} + \frac{7}{5} \times \frac{7}{10} - \frac{3}{5} \times \frac{7}{2} = \frac{7}{3S} \frac{1}{(S_{1}^{2} \times 1)(S_{1}^{2} \times 3)} = \frac{1}{5} \times \frac{5^{4}}{5} + \frac{7}{5} \times \frac{7}{10} = \frac{7}{3S} \times \frac{7}{10} = \frac{7}{10$ 1/2= 2 = 1/2 4 Cz=Z 14,6= 25 22+1 YB = YA-YLICE = 35(52+7/3) - 25 = 353857-253-65 (52+1)(52+3) (52+3) (52+3) 18 = (53/1)(543) = S = S = 1 = 1 = ZLZ = es 1 Lz=1 ; C3=/2

 $V_{21} = \frac{I_2}{V_1} |_{V_2 = 0}$ V. () 43 3 Lz VIz Iz = VI . Z Licz Z Lz Cz + Y21 = Z1, C2 Ztown (Z1, C2+Z12(3) Zx. Ez= SL, + L = 62+ /1/cz 51/1 Zucz= 52+1 , Zucz = 52+3 Z-107AL = 1 + (24Cz + 262C3) = 5 + (25 + 5 + 5) -1 2 TOTAL 5 + (25(52+3) + 5 (52+1)) -1 $2 \pi \sigma TAL = \frac{1}{5} + \left(\frac{(S^2+1)(S^2+3)}{5} \right) = \frac{1}{5} + \frac{(S^2+1)(S^2+3)}{35(S^2+7/3)}$ 210TAL= 352+7+54+452+3 _ 54+752+10 35(52+7/3) 3(52+7/2) $\frac{1}{21} = \frac{(951)}{25}$ $\frac{35(357)}{25}$ $\frac{35(357)}{25}$ $\frac{35(357)}{25}$

 $Y_{21} = (3^{2}+1) \times 3(53^{2}+7)$ $Y_{21} = 3(5^{2}+1)$ $(5^{2}+2)(5^{2}+3)$ $Y_{11} = \frac{1}{V_{1}} \Big|_{V_{200}} = \frac{1}{2\pi \sigma m_{2}} = \frac{35(5^{2}+36)}{(5^{2}+2)(5^{2}+5)}$