



14 5 = 10 ¢ Gi $Vin = Viny \times Ri = 10\times10^{-3} \times 106 = 10$ $(R_1 + R_1)$ $(10^5 + 106)\sqrt{2}$ $1060\sqrt{2}$ N= V0 = \(\frac{132x42x10100}{} = 80000 880 Vi (d) $P_p = P_0 = V_0^2 \times R_i = (V_0)^2 \times R_i$ $P_0 = P_0 = V_0^2 \times R_i = (V_0)^2 \times R_i$ $P_0 = P_0 = V_0^2 \times R_i = (V_0)^2 \times R_i$ $A_p = \theta R_v^2 \times R_i$ Ro 1910 (i) Ri = 100ks Ry = Vout = Tx IEV = Tuniv = A $Q_p = (1600)^2 \times 100 \times 10^3 = 3.2 \times 10^{19}$ ii) Ri= toka o in Voiet Vine Vine , to Pp = (8800)2 x 1057 = 9.68x10 10 10 n 101 = 18 No = (808990)2 x 106 = 826×1013 9-68×10 8 - 9-68×1010

