二端口特性参数推导

Monday, December 4, 2023 对二端口网络(多别) 我们已经得到: $Z_{in} = \frac{Q_{i1}Z_{c2} + Q_{12}}{Q_{21}Z_{c} + Q_{22}} = Z_{c1} \quad () \quad Z_{out} = \frac{Q_{22}Z_{c_1} + Q_{12}}{Q_{21}Z_{c} + Q_{12}} = Z_{c2} \quad (2)$ $\frac{1}{2c_{1}} = \frac{1}{2c_{1}} \frac{1}{2c_{2}} \frac{1}{2c_{1}} \frac{1}{2c_{1}} \frac{1}{2c_{2}} \frac{1}{2c_{1}} \frac$ (an azz Ec) + an anz + anz azz Ec) + anz an = Zci aziaz + Zci azi azi azi azi azi azi 数有关系: 22c, Qz, Qzz=又Q12Q11 $\mathbb{Z}_{1} = \underbrace{G_{11} G_{12}}_{C_{1} - \widehat{\Omega}_{22}}$ 此园村: x将(中代)(2) 成: $Z_{C2} = \frac{Q_{11}Q_{22}Z_{C2} + Q_{12}Q_{12}}{Q_{21}Z_{c2} + Q_{22}} + \hat{Q}_{12}$,从命: 021 G11 ZC2 + G21 G12 + A11 a, Zc, + a2 G21 Q118C2 + Q21 G128C2 + Q11 G21 8C2 + Q25 G118C2 = andoxZcx+a, an + an Zcx + an az $\frac{2}{1.2c_2} = \frac{a_{22}a_{12}}{a_{11}a_{21}} = \frac{a_{12}a_{22}}{a_{11}a_{21}} = \frac{a_{12}a_{21}}{a_{11}a_{21}} = \frac{a_{12}a_{21$ 对于传播系数: Y= ln UII, 有:当网络圣易时

