

_	$ A(j\omega) ^2 =  R_1 - Z_{11} $
	1R1+Z112
	Suppose, A(s) = E(s)+O(s), where Emether
	and O are the odd
	A(-s) = E(s) - O(s). terms
	A(s)A(-s) F2 02

$$\frac{A(s)A(-s)}{A(s)A(-s)} = \frac{E(3\omega)}{|E(3\omega)|^2}$$

$$\frac{A(s)A(-s)}{A(s)A(-s)} = A(s)A(-s) |_{s=1}^{\infty} \sqrt{\frac{R_1 - R_1}{2}}$$

$$= \frac{1}{R_1 + Z_{11}} + \frac{1}{R_2 + Z_{11}} + \frac{1}{R_3 + Z_{11}} = \frac{1}{$$

$$\frac{1-A}{2H} = \frac{1-A}{1+A} \qquad \frac{0\pi A(s) = E(s) + 0(s)}{0\pi A(s) = E(s) + 0(s)}$$

$$\frac{0\pi Z_{H} = R_{1} + \frac{1+A}{1-A} \qquad \frac{0\pi A(s) = 0}{1-A} = \frac{1}{1+A}$$

$$AT(\lambda) \rightarrow T(s) \rightarrow A(s)=1-4\frac{R_1}{R_2}T(s) \rightarrow Z_{11}$$

Please follow the book for nest of the discussion.