電子回路論 第9回 (1)

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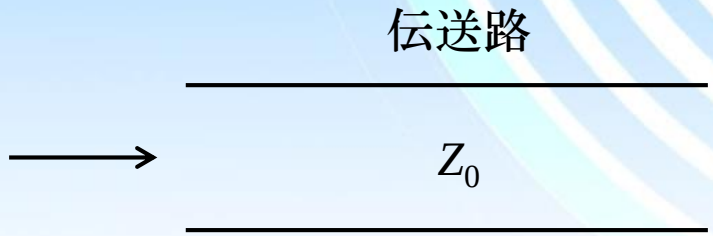
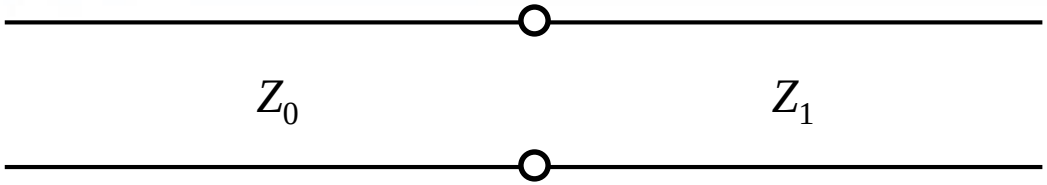
伝送路の接続

こちら側から見た
インピダンス：Z_0





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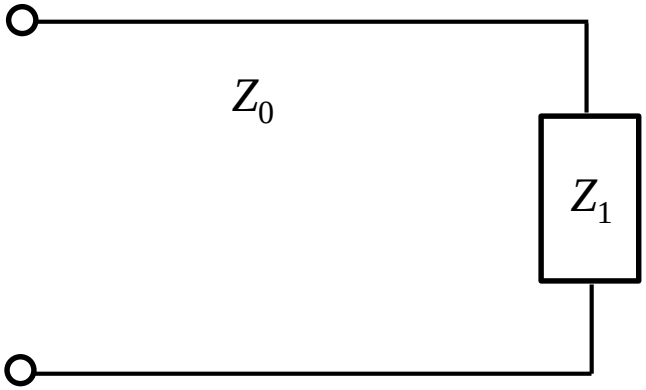
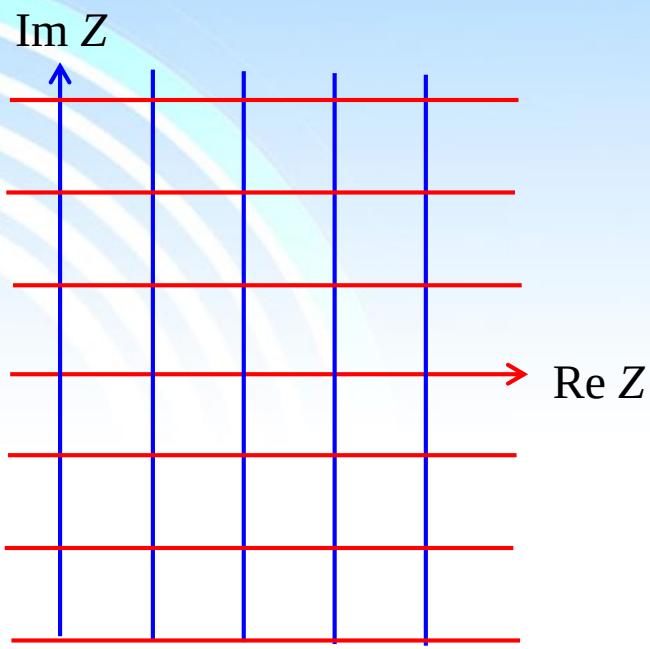
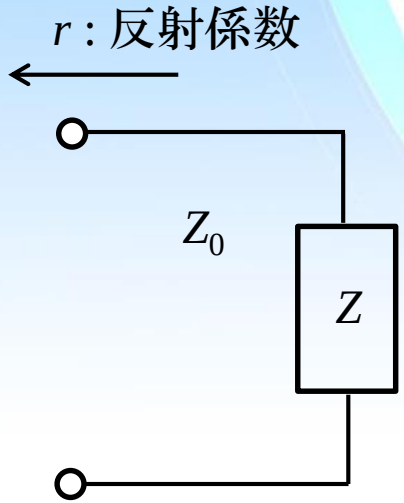
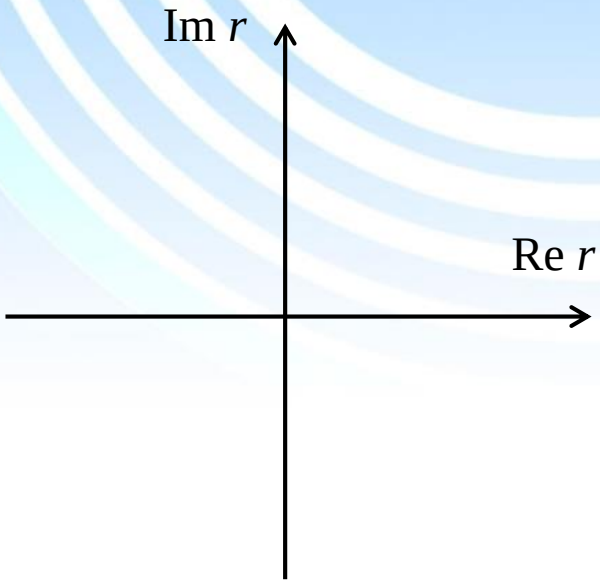


$$r = \frac{V_-}{V_+} = \frac{Z_1 - Z_0}{Z_1 + Z_0}$$

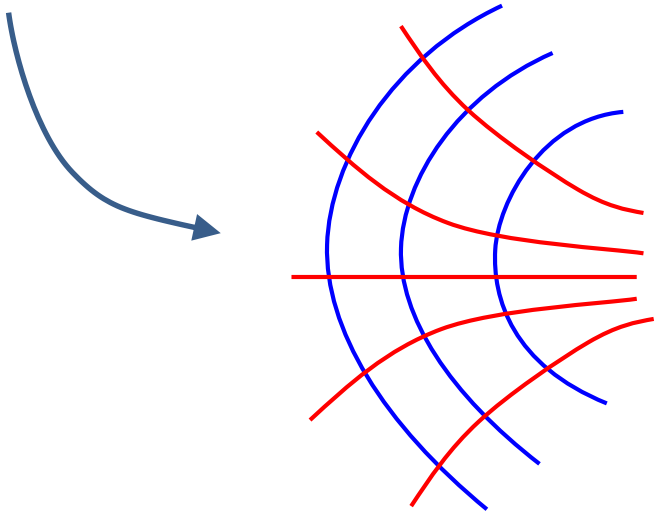
Smith Chart

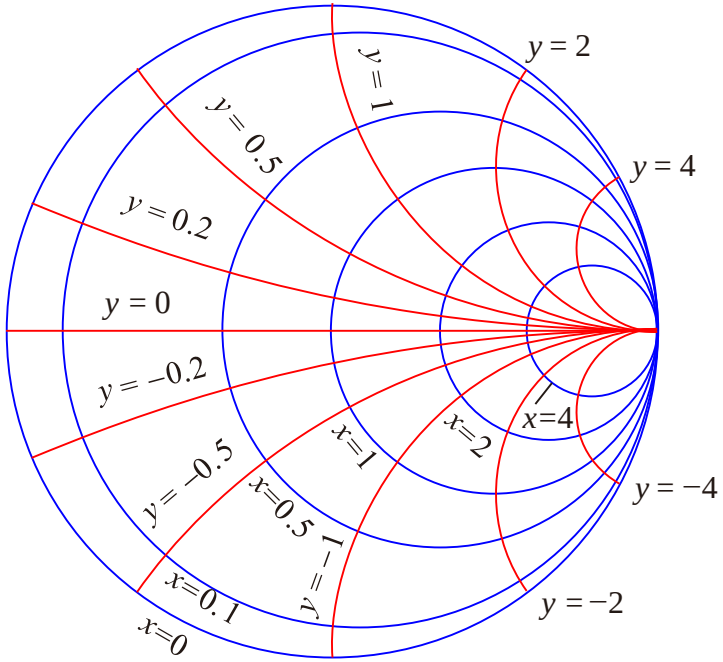




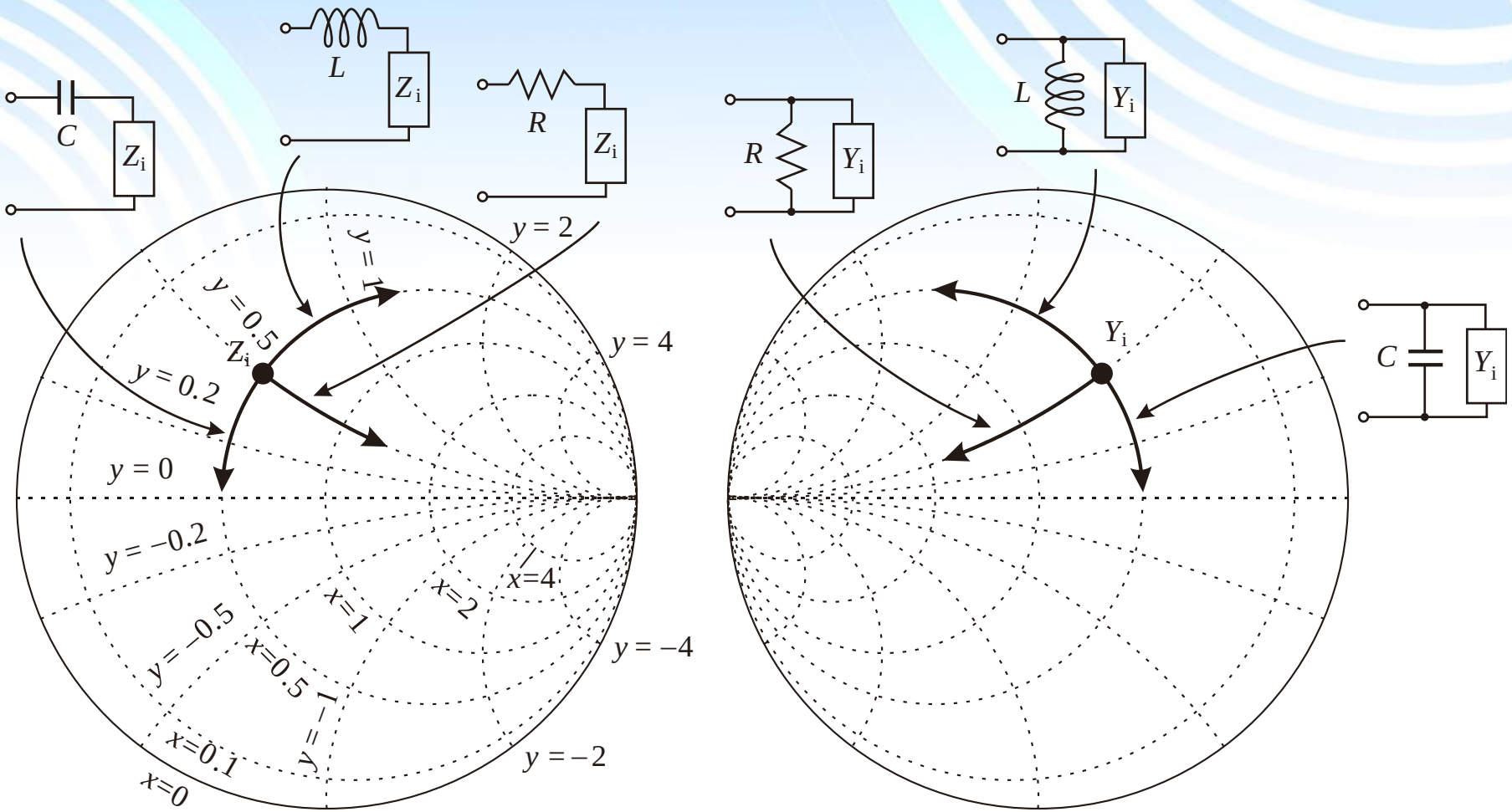


$$r = \frac{V_-}{V_+} = \frac{Z - Z_0}{Z + Z_0}$$





インピダンスの整合


C
Zi
L
Zi
R
Zi
R
Yi
L
Yi
C
Yi
y = 2
y = 1
y = 0.5
y = 4
Zi
y = 0.2
y = 0
y = −0.2
x=4
x=2
x=1
y = −0.5
y = −4
x=0.5
x=0.1
y = −2
x=0
Yi