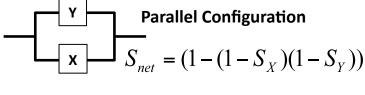
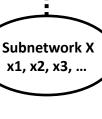
Subnetwork Y y1, y2, y3, ...

## (C) Equivalent Circuit Models



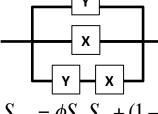
**Serial Configuration** 







## (B) Reliability Model



$$S_{net} = \phi S_X S_Y + (1 - \phi)(1 - (1 - S_X)(1 - S_Y))$$