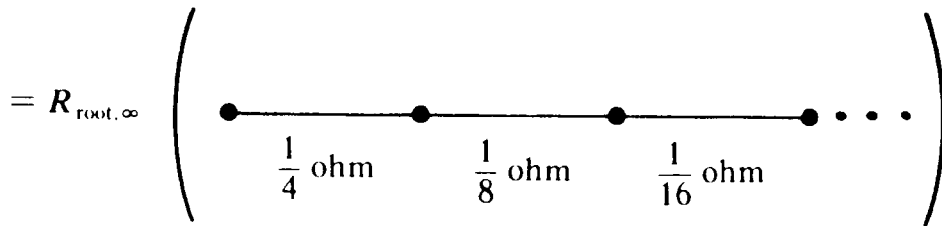
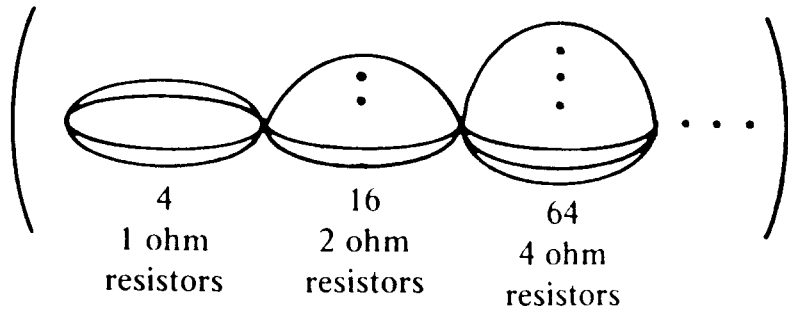


$$R_{\text{root},\infty}(NT_3) = R_{\text{root},\infty}$$



$$= \frac{1}{4} + \frac{1}{8} + \frac{1}{16} + \dots$$

$$= \frac{1}{2} .$$