\[ \text{ORIGIN} := 1 \]

\[ r := 1 \quad N := 3 \]

\[ D_{1,1} := e^{\frac{1}{4} \cdot r} \quad D_{2,2} := D_{1,1} \quad D_{3,3} := D_{1,1} \]

\[ D_{1,2} := 2 \cdot r \quad D_{2,1} := D_{1,2} \quad D_{2,3} := D_{1,2} \quad D_{3,2} := D_{1,2} \]

\[ D_{1,3} := 4 \cdot r \quad D_{3,1} := D_{1,3} \]

\[ D_s := \sqrt{\prod_{k=1}^{N} \left( \prod_{m=1}^{N} D_{k,m} \right)} \quad D_s = 1.70369 \]

\[ \prod_{m=1}^{N} D_{1,m} = 6.23 \quad \prod_{m=1}^{N} D_{2,m} = 3.115 \quad \prod_{m=1}^{N} D_{3,m} = 6.23 \]

\[ \sqrt[9]{6.23 \cdot 6.23 \cdot 3.115} = 1.704 \]

\[ A_{\text{copper}} := 3\pi r^2 \quad A_{\text{copper}} = 9.425 \]

\[ A_{\text{fictitious}} := \pi D_s^2 \quad A_{\text{fictitious}} = 9.119 \]