



$$K_{1} = \frac{K_{1}K_{2}}{K_{1}+K_{1}+K_{1}} = \frac{15}{5} + \frac{1}{2.5} + \frac{1}{4.5} = \frac{15}{16} = \frac{1}{9.93} = 0$$

$$K_{2} = \frac{K_{1}K_{1}}{K_{1}+K_{1}+K_{1}} = \frac{15}{6} = \frac{1}{4.5} = \frac{1}{4.5} = \frac{25}{24} = \frac{1}{4.64} = \frac{1}{12} = \frac{25}{24} = \frac{1}{4.64} = \frac{1}{12} = \frac{25}{24} = \frac{1}{4.64} = \frac{1}{12} = \frac{25}{24} = \frac{1}{12} = \frac{25}{24} = \frac{1}{12} = \frac{25}{12} = \frac{1}{12} = \frac{25}{12} = \frac{1}{12} = \frac{25}{12} = \frac{1}{12} = \frac{25}{12} = \frac{25$$

$$R_{2} + R_{3} + R_{4} = 6250 - R_{4}$$

$$4R_{4} = 6250 - R_{4} = 100R_{2} = R_{2} = \frac{98(6250 - R_{4})}{1000}$$

$$12(6250 - R_{4}) = 100R_{3} = \frac{12(6250 - R_{4})}{1000}$$

$$-20(6250 - R_{1}) = 100R_{4} = \frac{12(6250 - R_{1})}{1000}$$

$$R_{eq} = \frac{1}{1} = \frac{100}{0.016} = 6250 \text{ SC}$$

$$R_{2} = \frac{100}{1200} = 6250 \text{ SC}$$

$$R_{2} = \frac{100}{1250} = 6250 \text{ SC}$$

$$R_{3} = \frac{1000R_{3}}{1250} = \frac{100R_{3}}{1250} = \frac{1000R_{3}}{1250} = \frac{100R_{3}}{1250} = \frac{10$$

$$48 = 100 \frac{R_2 + R_3}{6250} \Rightarrow R_2 + R_3 = 3000 \Omega \Rightarrow R_2 = 2750$$

$$12 = 100 \frac{R_3}{(250)} \Rightarrow 1/(R_3) = 7/(R_3) = 7/(R_3) = 7/(R_3)$$

$$-20 = (700) \frac{R_4}{6250} \Rightarrow R_4 = 1250 52$$

$$R_1 = 6250 - 1250 - 750 - 2250 = 2000$$