$$\Rightarrow x = \frac{k_{1}}{k_{1}} x_{1} + \frac{(n-k)}{n} x_{2} + \frac{k_{2}}{n} x_{1} + \frac{n-2k}{n-k} x_{2}$$

$$\frac{k_{2}}{k_{1}} x_{1} + \frac{n-2k}{n-k} x_{2}$$

$$\frac{k_{3}}{k_{4}} x_{1} + \frac{n-2k}{n-k} x_{2}$$

$$\frac{k_{3}}{k_{4}} x_{1} + \frac{k_{3}}{n-k} x_{2}$$

$$\frac{k_{3}}{k_{4}} x_{1} + \frac{k_{4}}{n-k} x_{2}$$

$$\frac{k_{3}}{k_{4}} x_{1} + \frac{k_{4}}{n-k} x_{2}$$

$$\frac{k_{4}}{k_{4}} x_{1} + \frac{k_{4}}$$