$$\frac{3}{\alpha} = \frac{1}{1 \times \frac{x}{2} - x_{1}} = \frac{x - x_{2}}{x_{2} - x_{1}} = \frac{x - x_{3}}{x_{2} - x_{3}}$$

$$= \frac{x - \beta}{2 - \beta} = \frac{x - 1}{2 - \beta} = \frac{x - \alpha}{2 - \beta}$$

$$= \frac{x - \beta}{2 - \beta} = \frac{x - x_{1}}{2 - \beta} = \frac{x - x_{2}}{x_{3} - x_{3}} = \frac{x - x_{3}}{x_{3} - x_{4}} = \frac{x - x_{3}}{x_{3} - x_{4}} = \frac{x - x_{4}}{x_{3} - x_{4}} = \frac{x - x_{4}}{x_{4} - x_{4}} = \frac{x - x_{4}}{x_{4} - x_{4}} = \frac{x - x_{4}}{x_{4}$$