$$\frac{3}{\alpha} \quad \mathcal{L}_{z} = \frac{3}{|x|} \frac{x - x_{1}}{x_{2} - x_{1}} = \frac{x - x_{0}}{x_{2} - x_{1}} \frac{x - x_{3}}{x_{2} - x_{3}}$$

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

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

$$= \frac{x - x_{0}}{x_{3} - x_{0}} \frac{x - x_{1}}{x_{3} - x_{0}} \frac{x - x_{1}}{x_{3} - x_{0}} \frac{x - x_{2}}{x_{3} - x_{0}}$$

$$= \frac{x - \beta}{y - y_{3}} \frac{x - y_{1}}{x_{3} - x_{0}} \frac{x - x_{2}}{x_{3} - x_{0}}$$

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

$$= \frac{x - x_{0}}{x_{3} - x_{0}} \frac{x - x_{1}}{x_{3} - x_{0}} \frac{x - x_{2}}{x_{3} - x_{0}}$$

$$= \frac{x - x_{0}}{x_{3} - x_{0}} \frac{x - x_{1}}{x_{3} - x_{0}} \frac{x - x_{2}}{x_{3} - x_{0}}$$

$$= \frac{x - x_{0}}{x_{3} - x_{0}} \frac{x - x_{1}}{x_{3} - x_{0}} \frac{x - x_{1}}{x_{3} - x_{0}}$$

$$= \frac{x - x_{0}}{x_{3} - x_{0}} \frac{x - x_{1}}{x_{3} - x_{0}} \frac{x - x_{1}}{x_{3} - x_{0}} \frac{x - x_{1}}{x_{3} - x_{0}}$$

$$= \frac{x - x_{0}}{x_{3} - x_{0}} \frac{x - x_{1}}{x_{3} - x_{0}} \frac{x - x_{1}}{x_{3} - x_{0}} \frac{x - x_{1}}{x_{3} - x_{0}}$$

$$= \frac{x - \beta}{x_{3} - x_{0}} \frac{x - x_{1}}{x_{3} - x_{1}} \frac{x - x_{1}}{x_{3}$$