$$\lim_{h \to 0} \frac{f(x+h) - f(x)}{h} = f'(x)$$

$$f(x+h) = f(x) + f(x)h + \in h$$

$$\in \ni 0 \text{ as } h \ni 0$$

$$\frac{1}{f(xh)} - \frac{1}{f(x)}$$

$$= \frac{f(x) - f(x+h)}{f(x+h)f(x)}$$

$$\frac{f(x+h) - f(x)}{h}$$

$$\frac{f(x+h) - f(x)}{h}$$

$$\frac{f(x+h) + f(x)}{h}$$

$$\frac{\left[f(x)\right]_{s}}{-f(x)}$$

$$\left(\frac{1}{f}\right)_{i} = \frac{f_{i}}{-f_{i}}$$