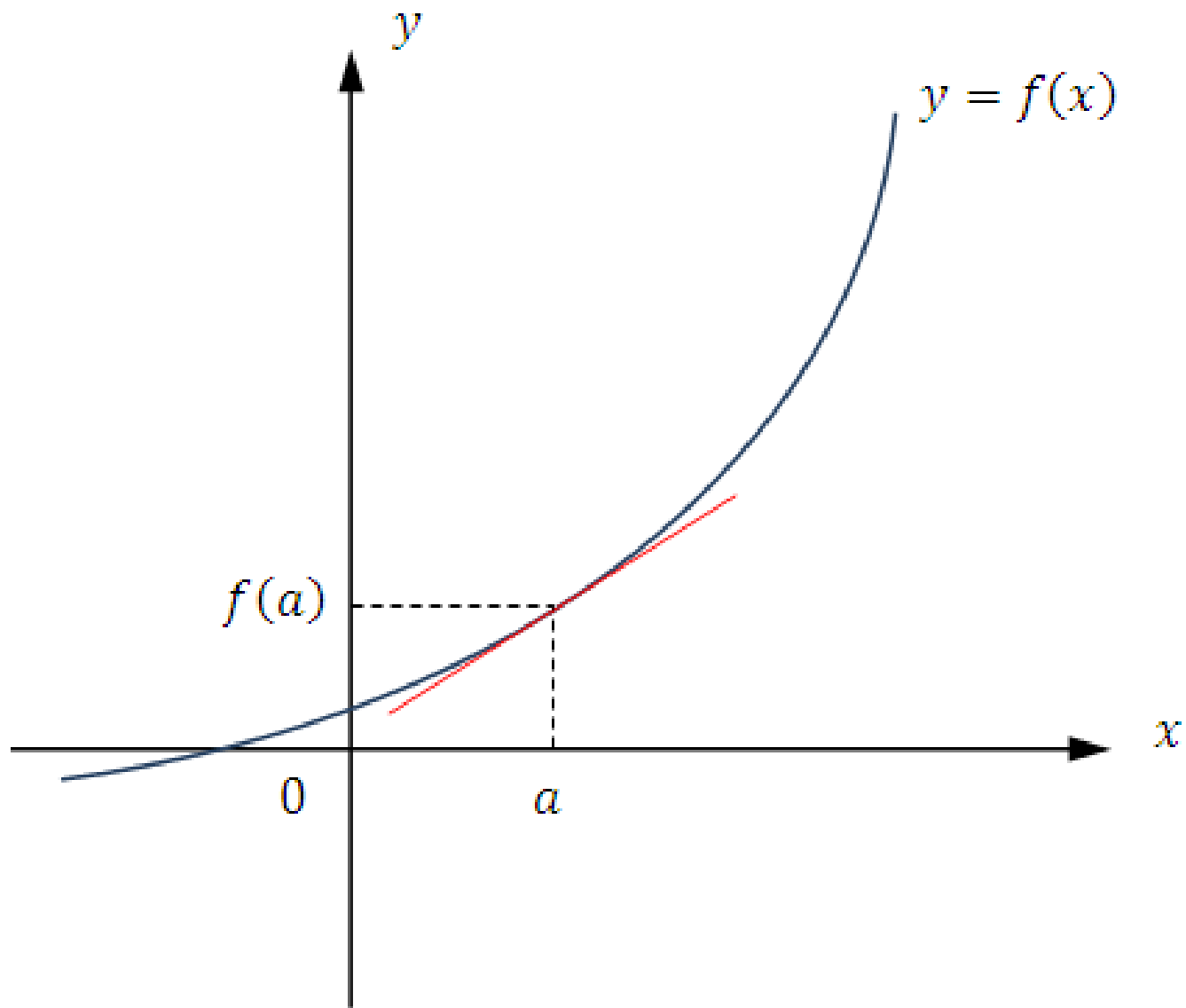
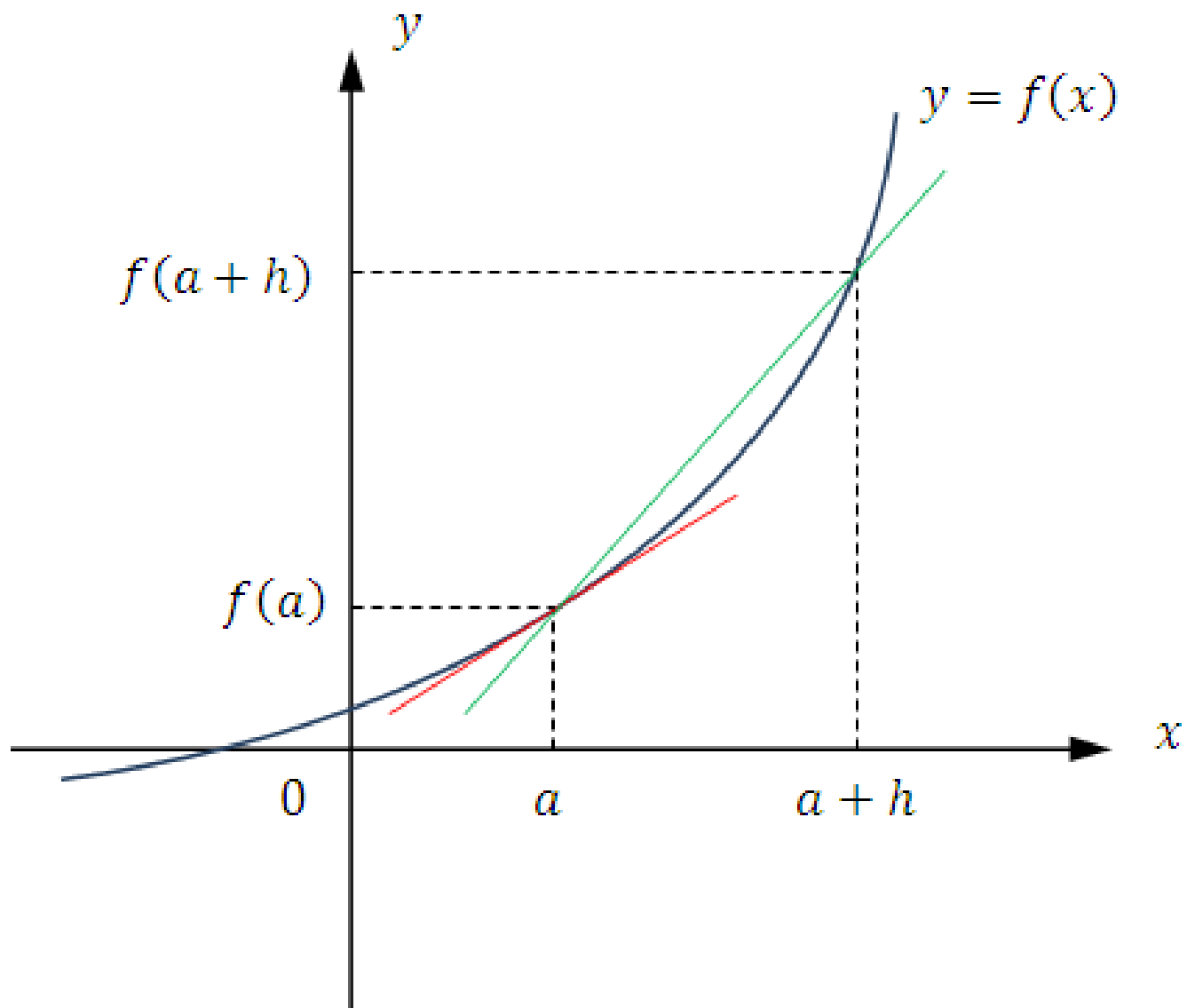
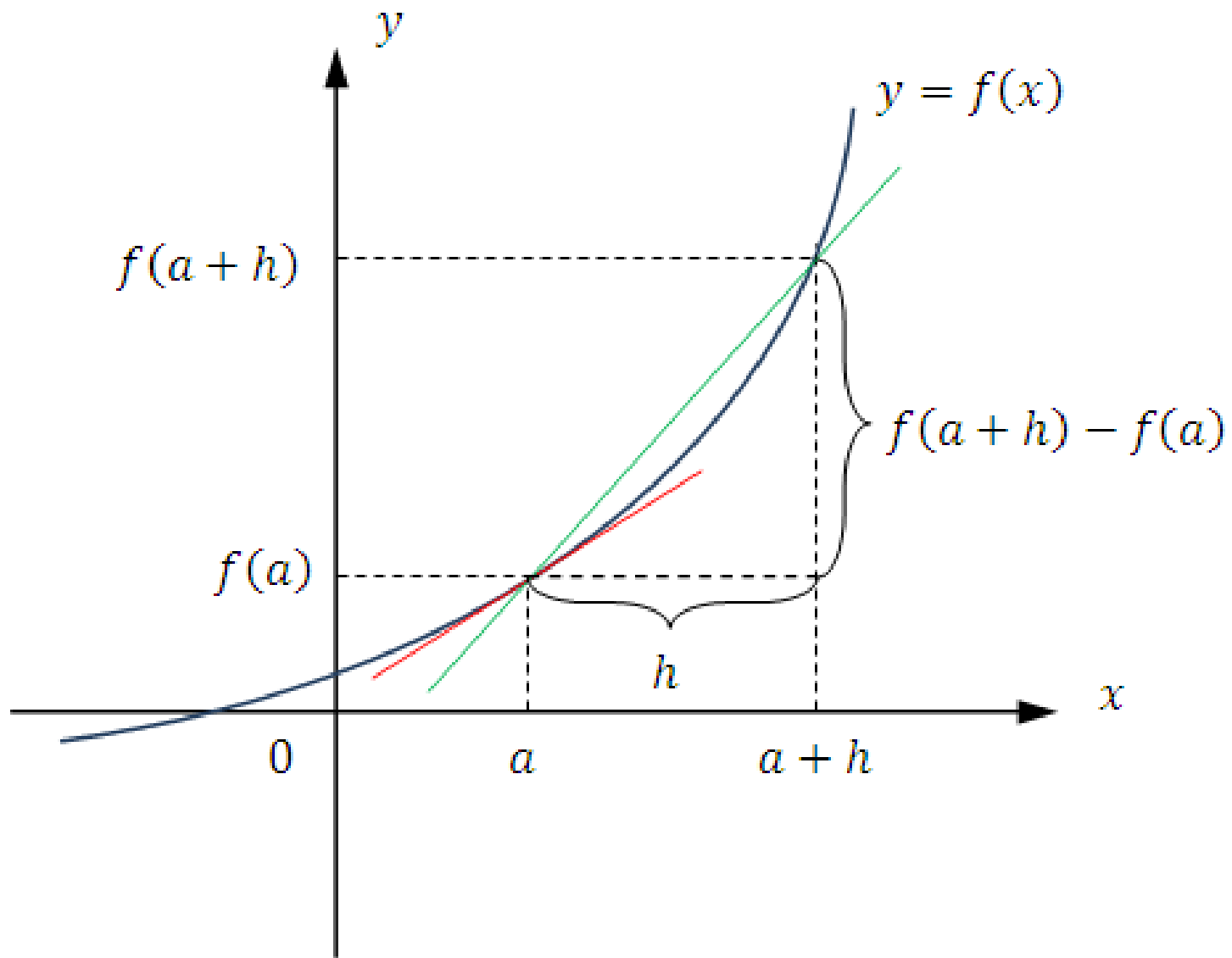


Derivatan

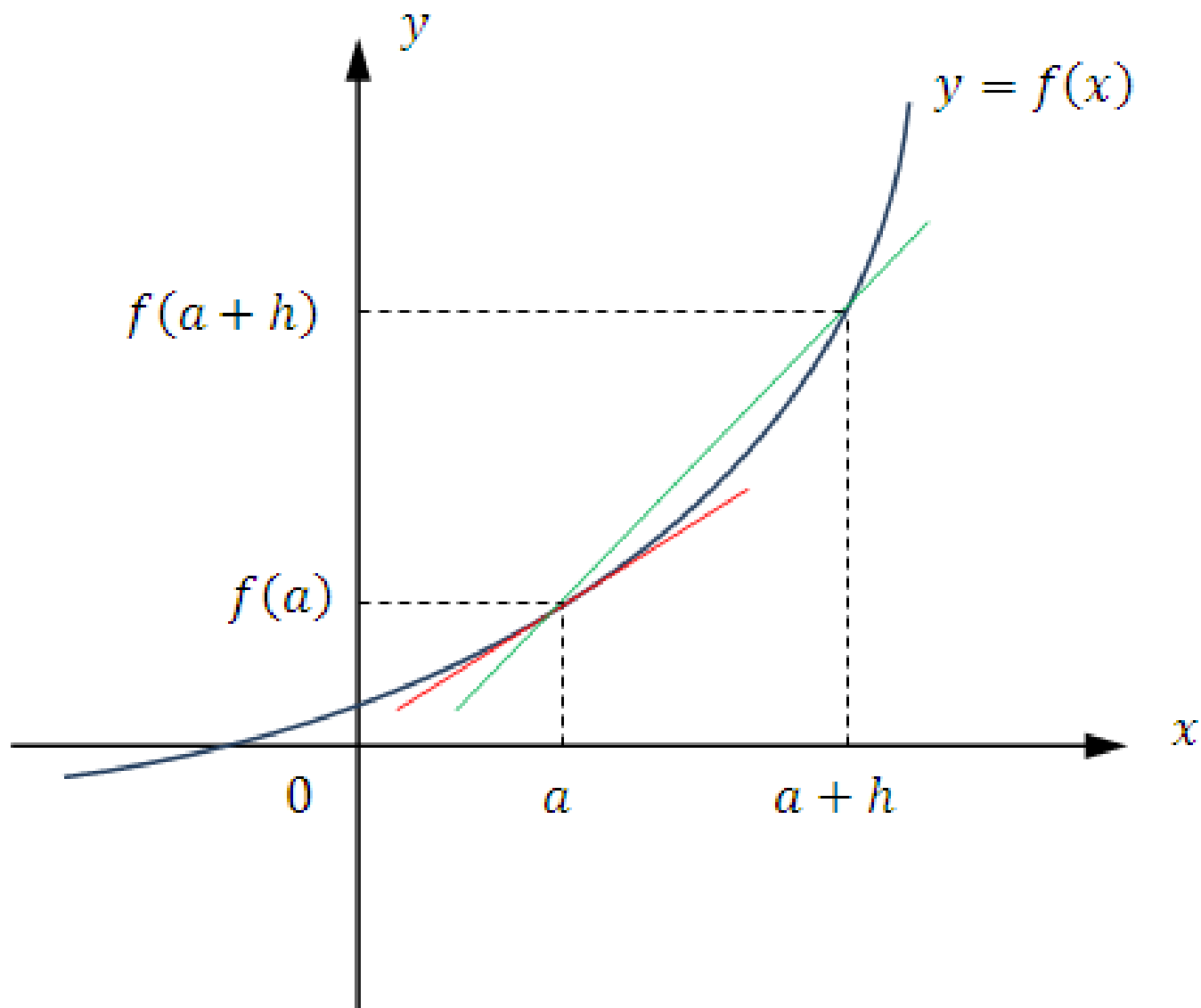
$$f'(x)$$

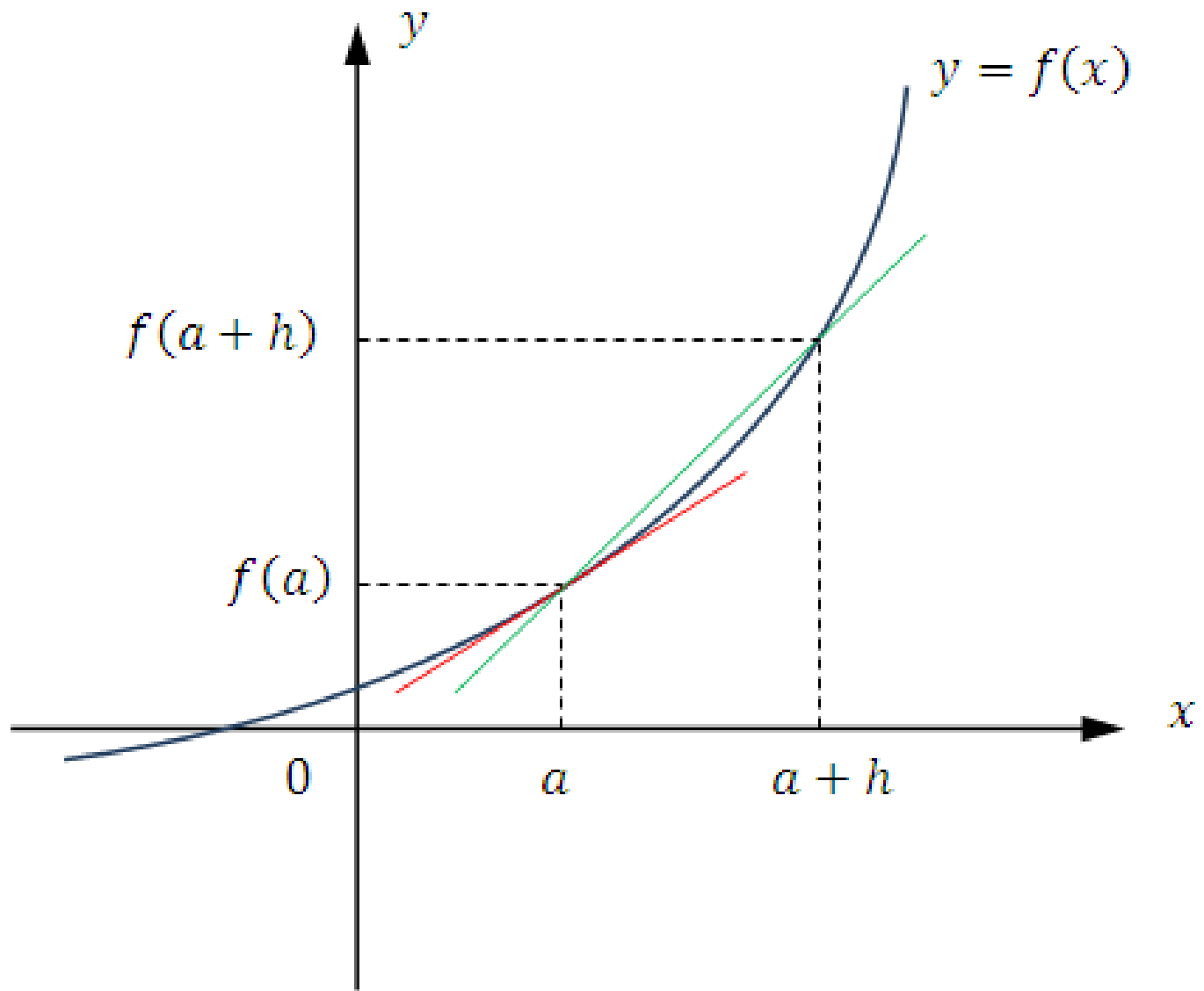


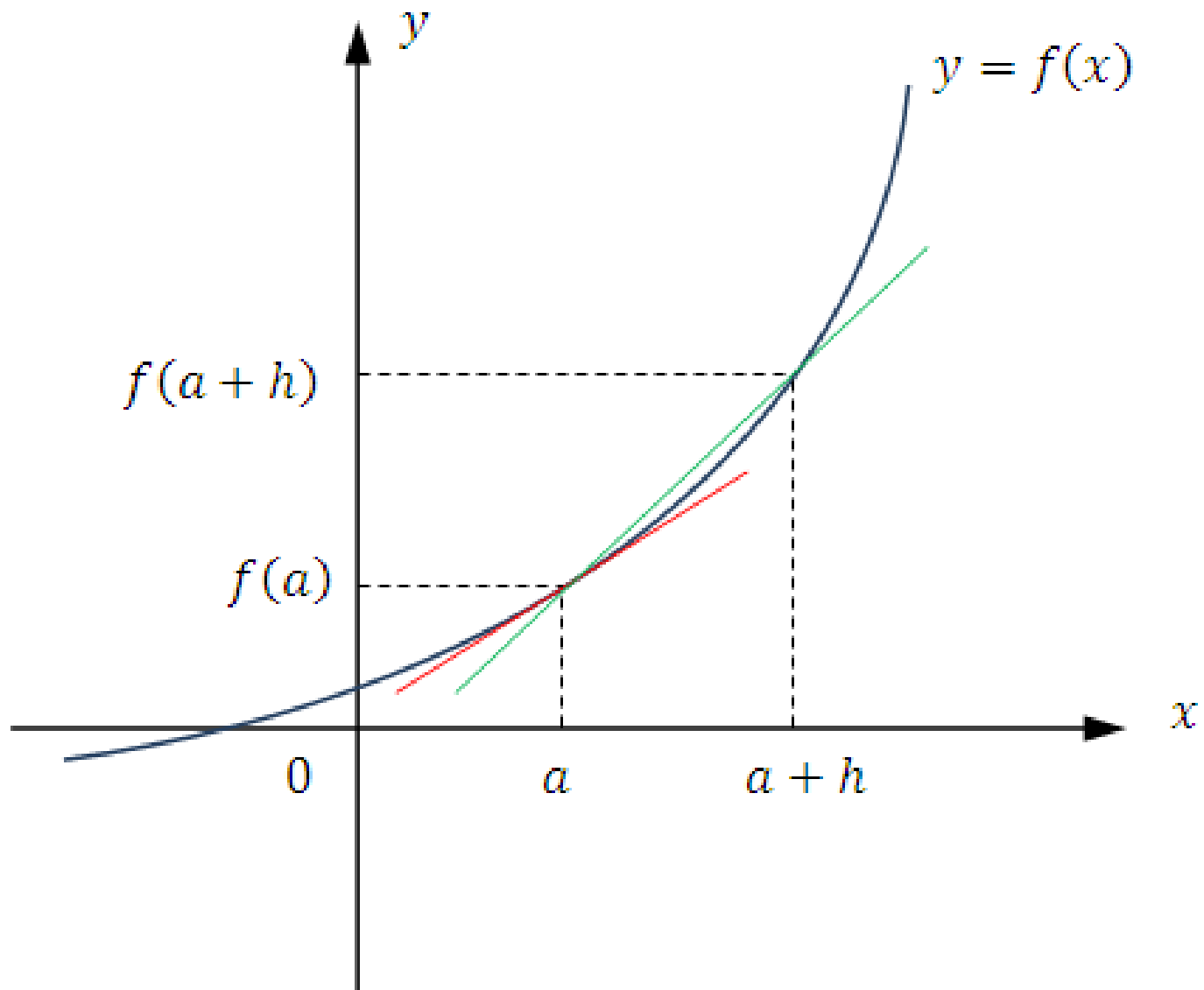


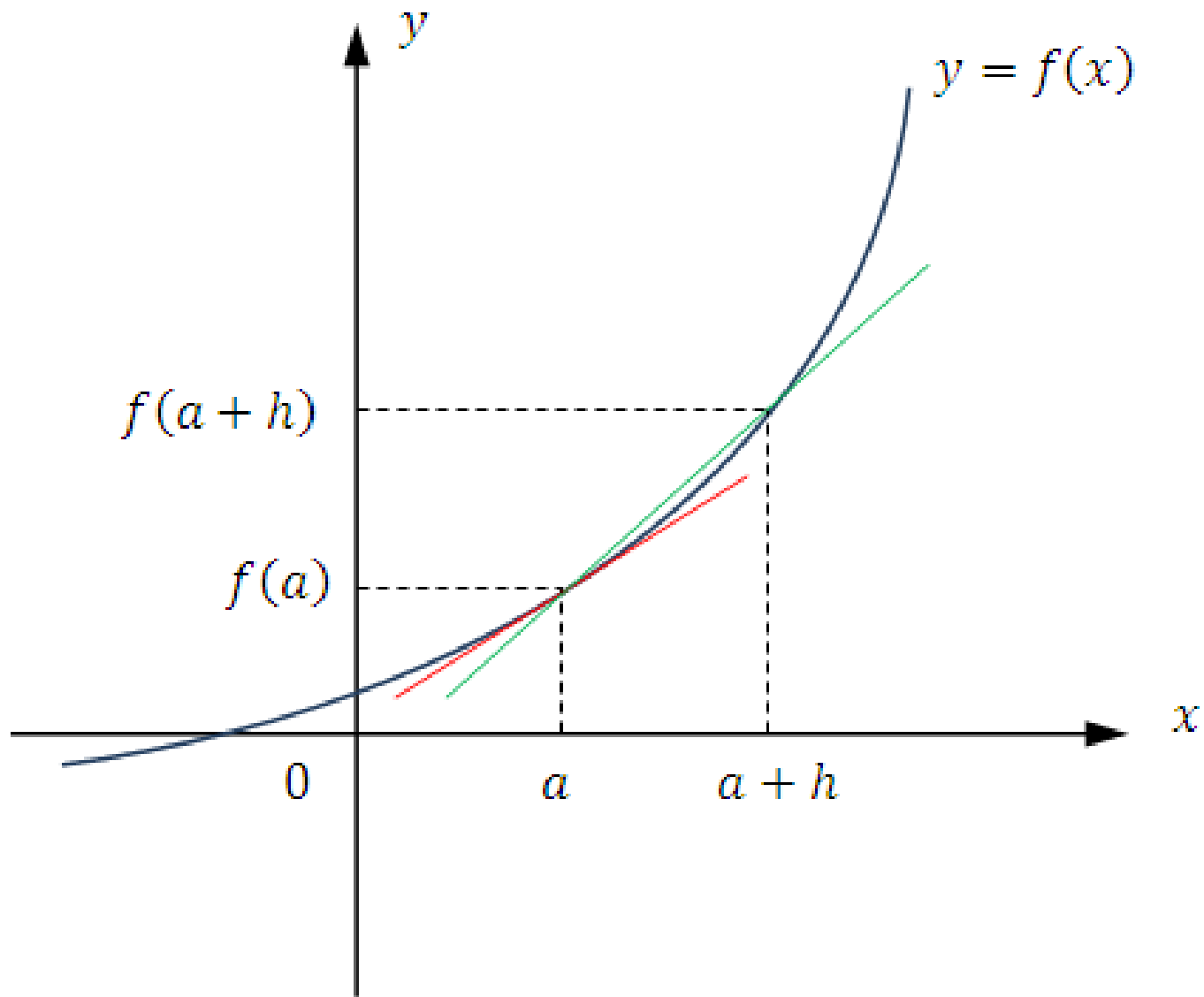


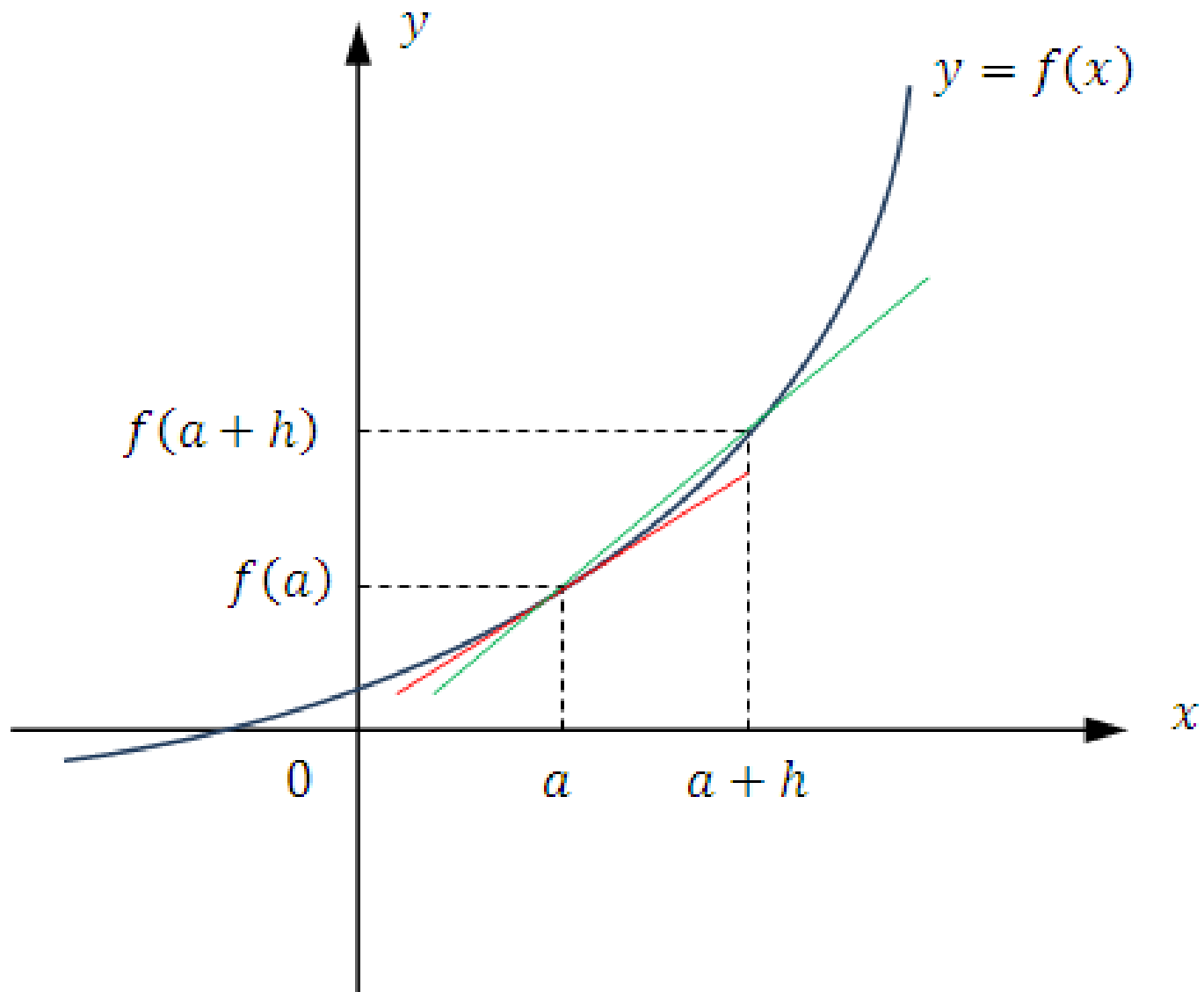
$$k = \frac{\Delta y}{\Delta x} = \frac{f(a + h) - f(a)}{h}$$

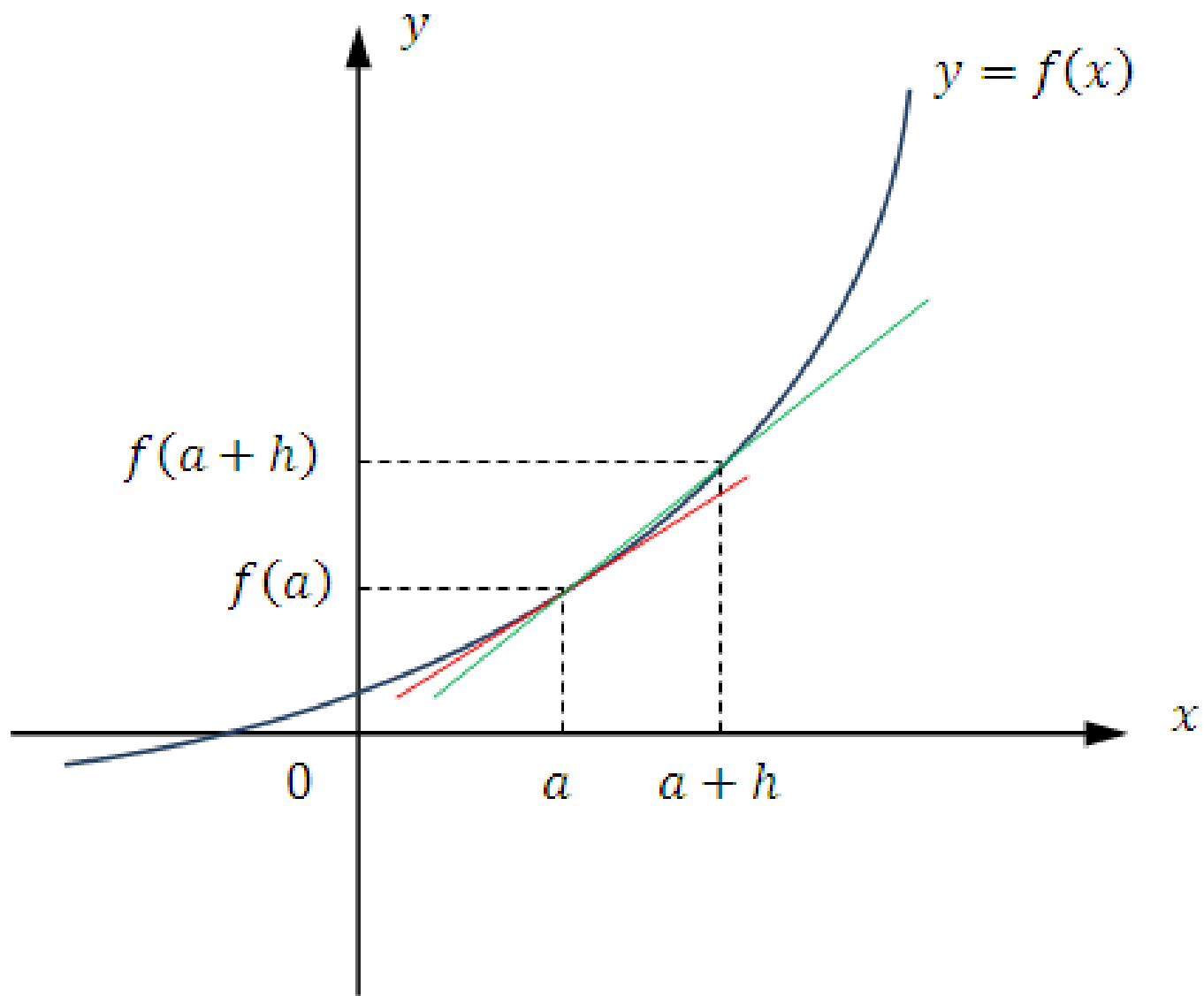


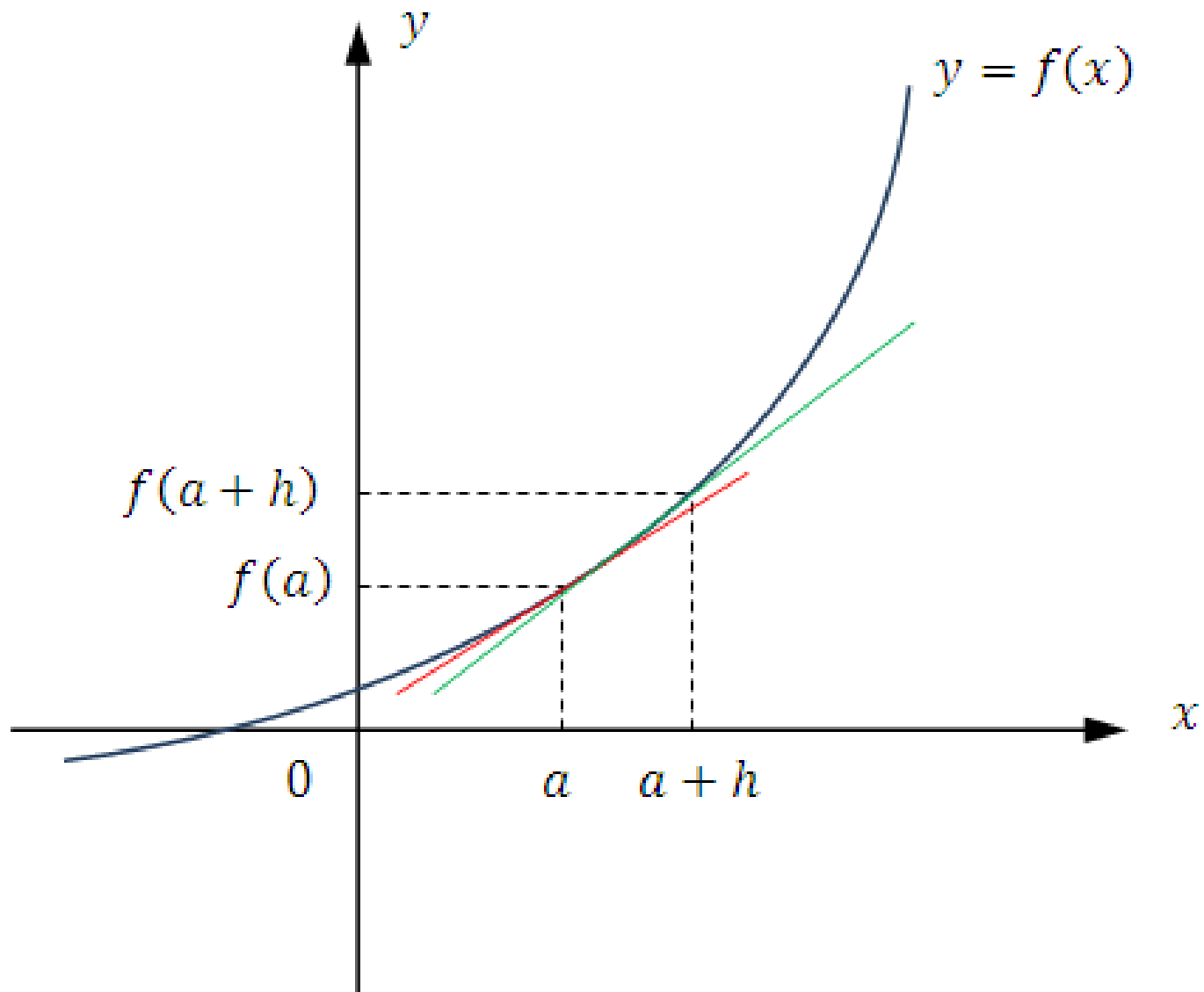


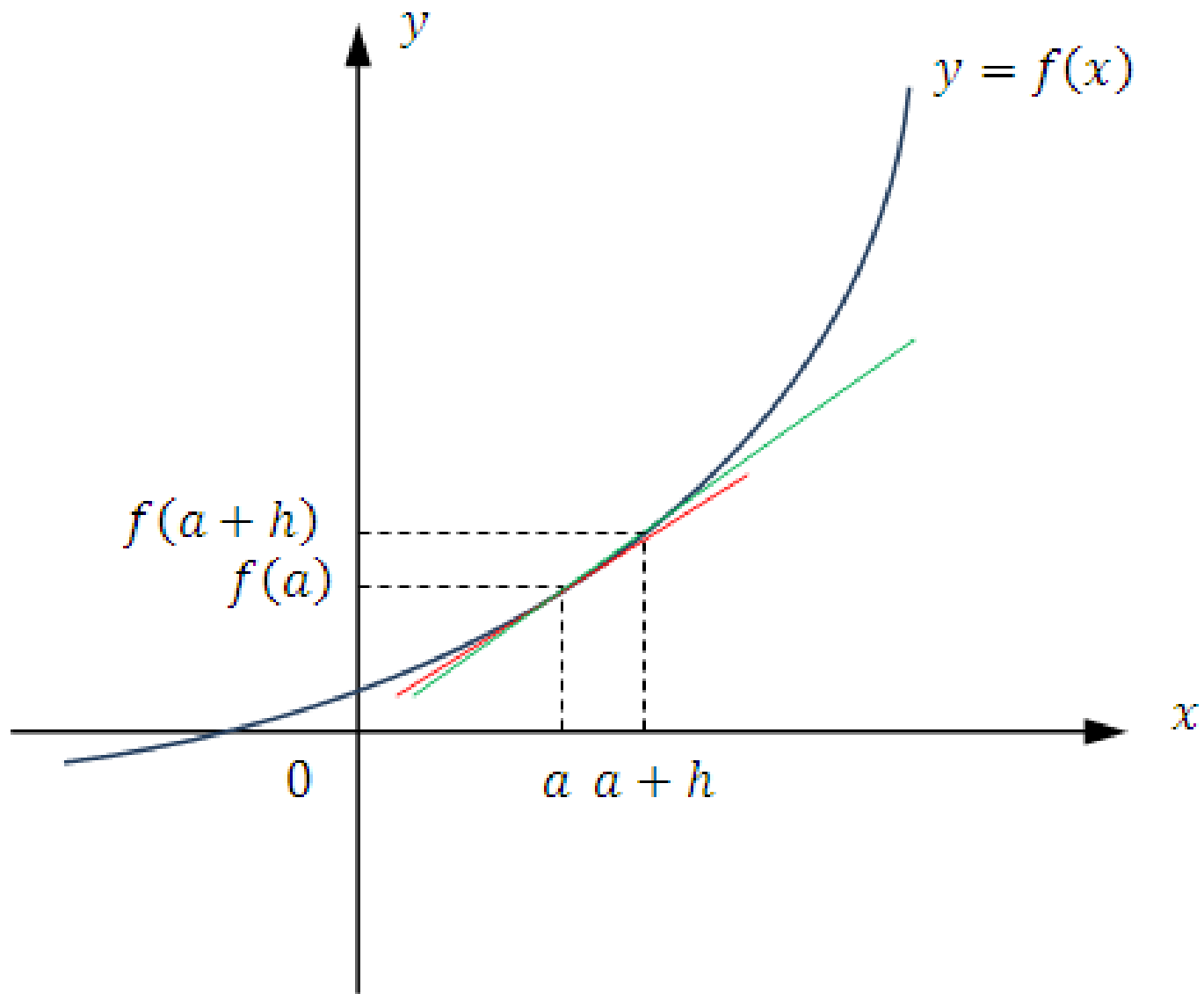


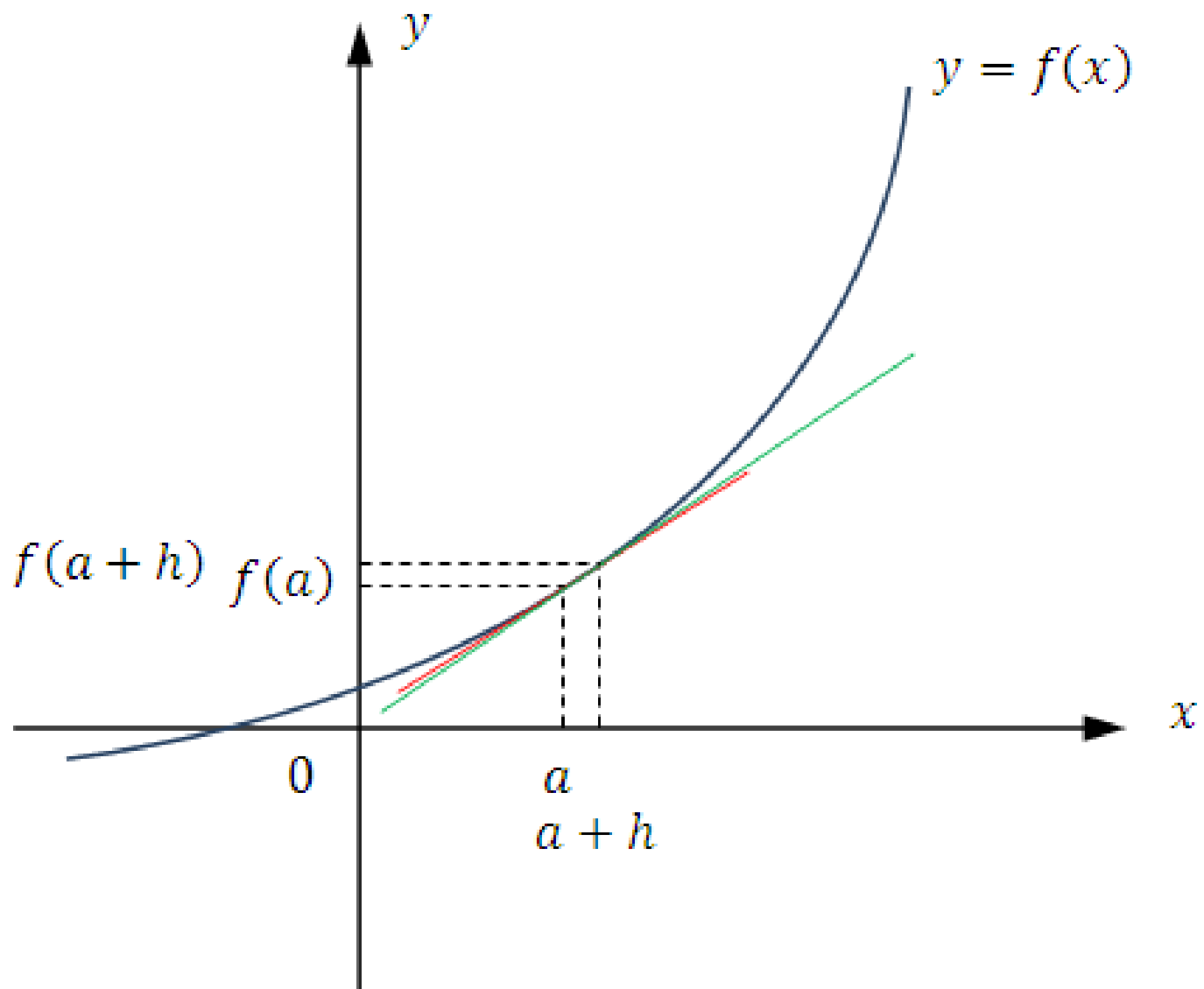


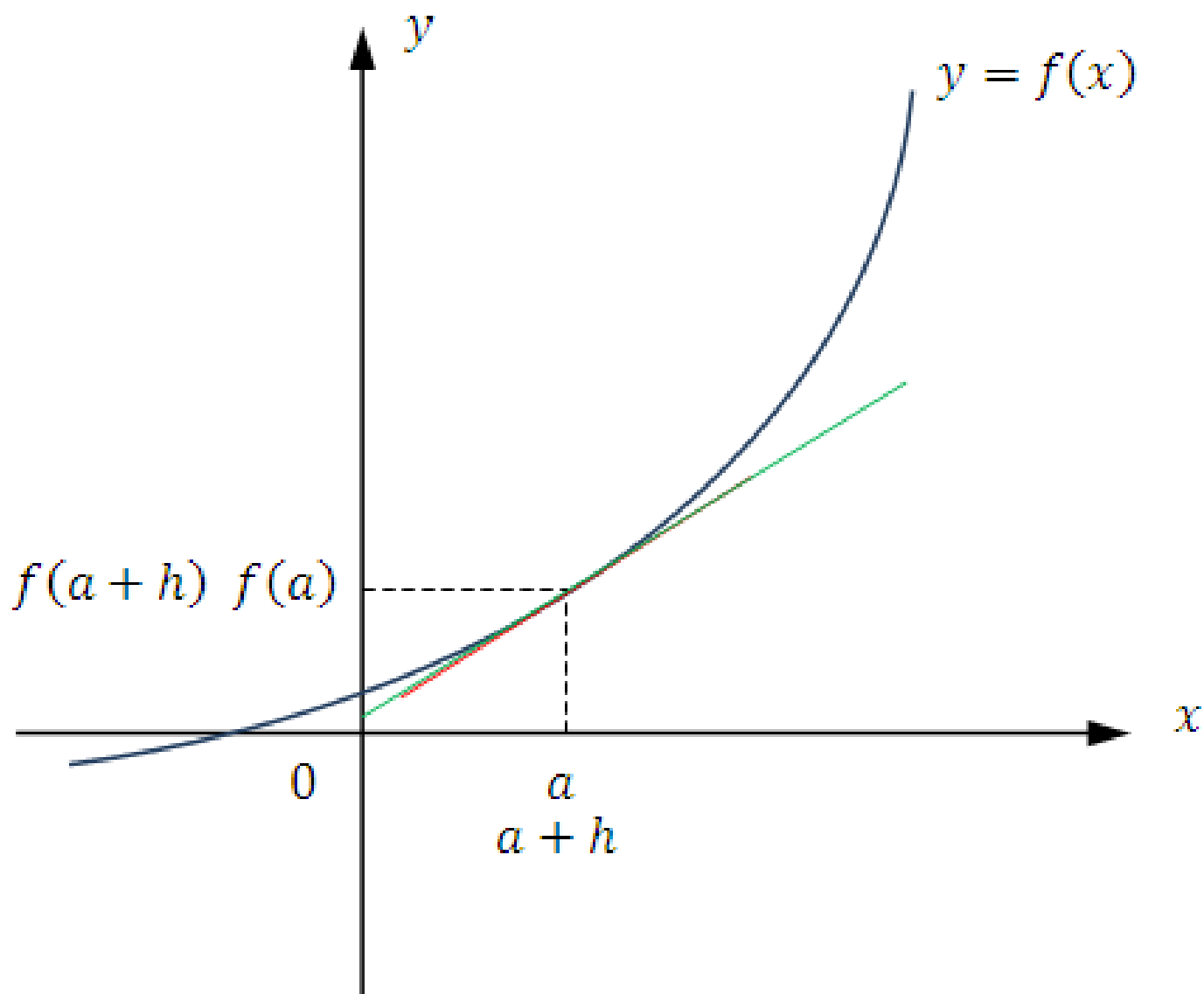




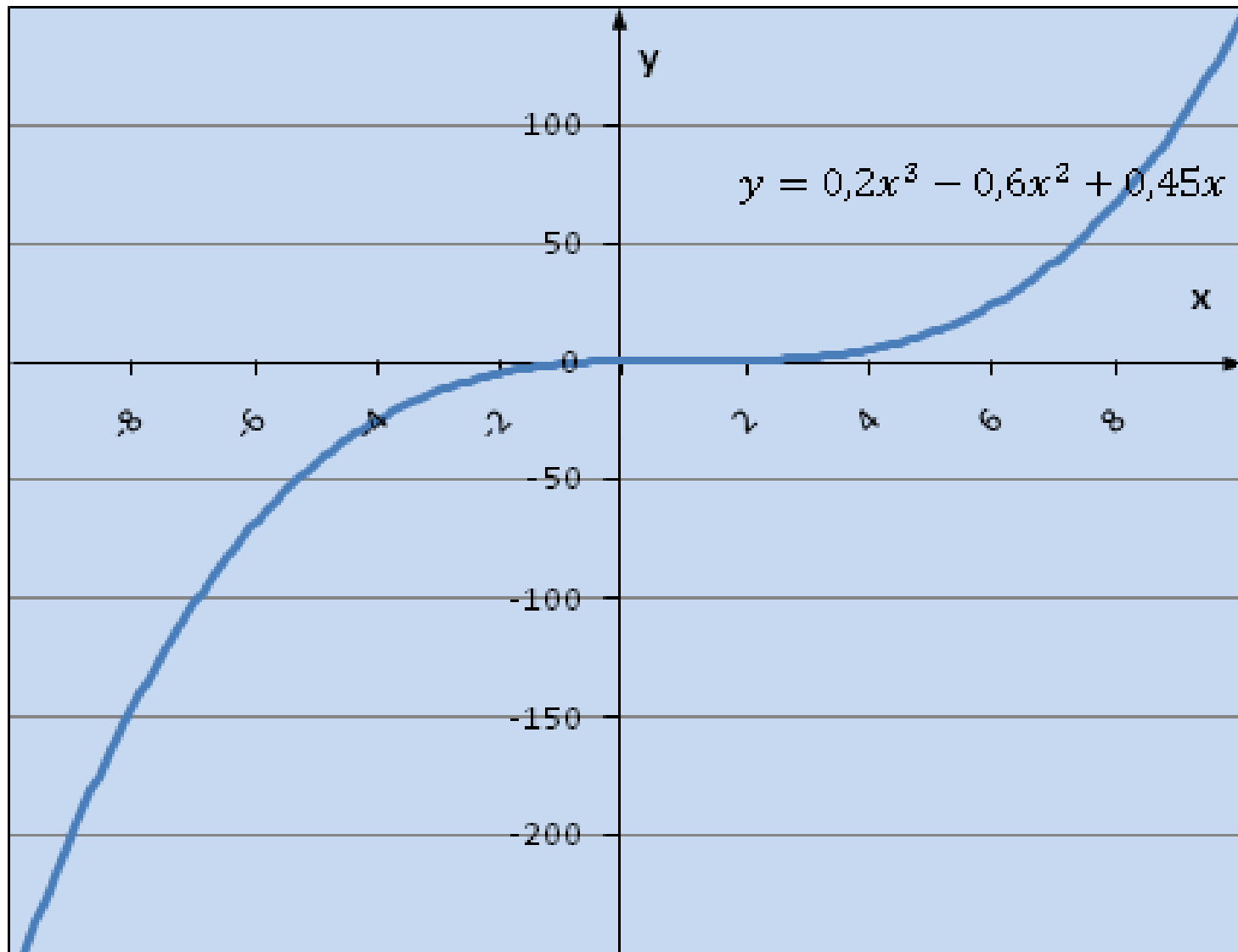


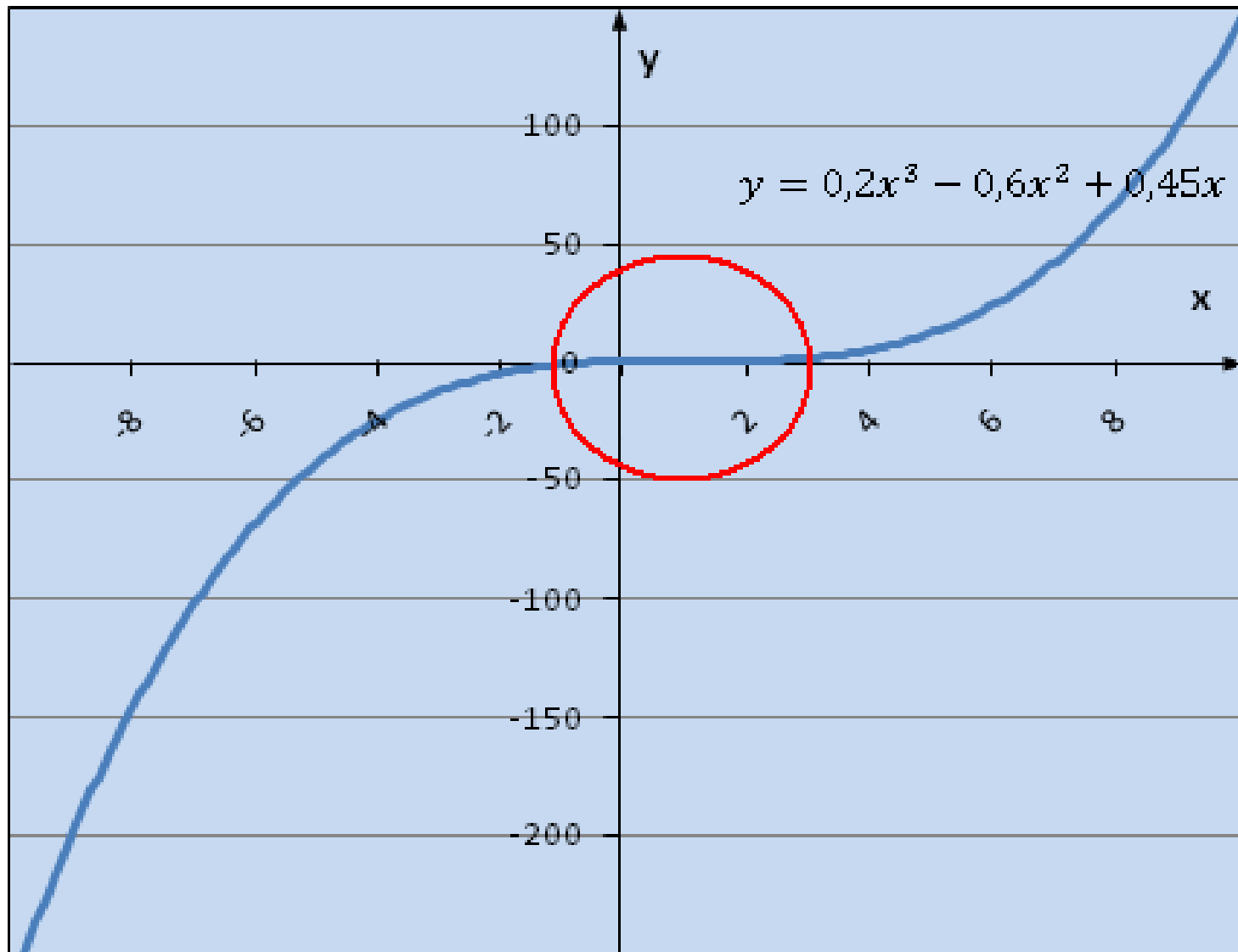


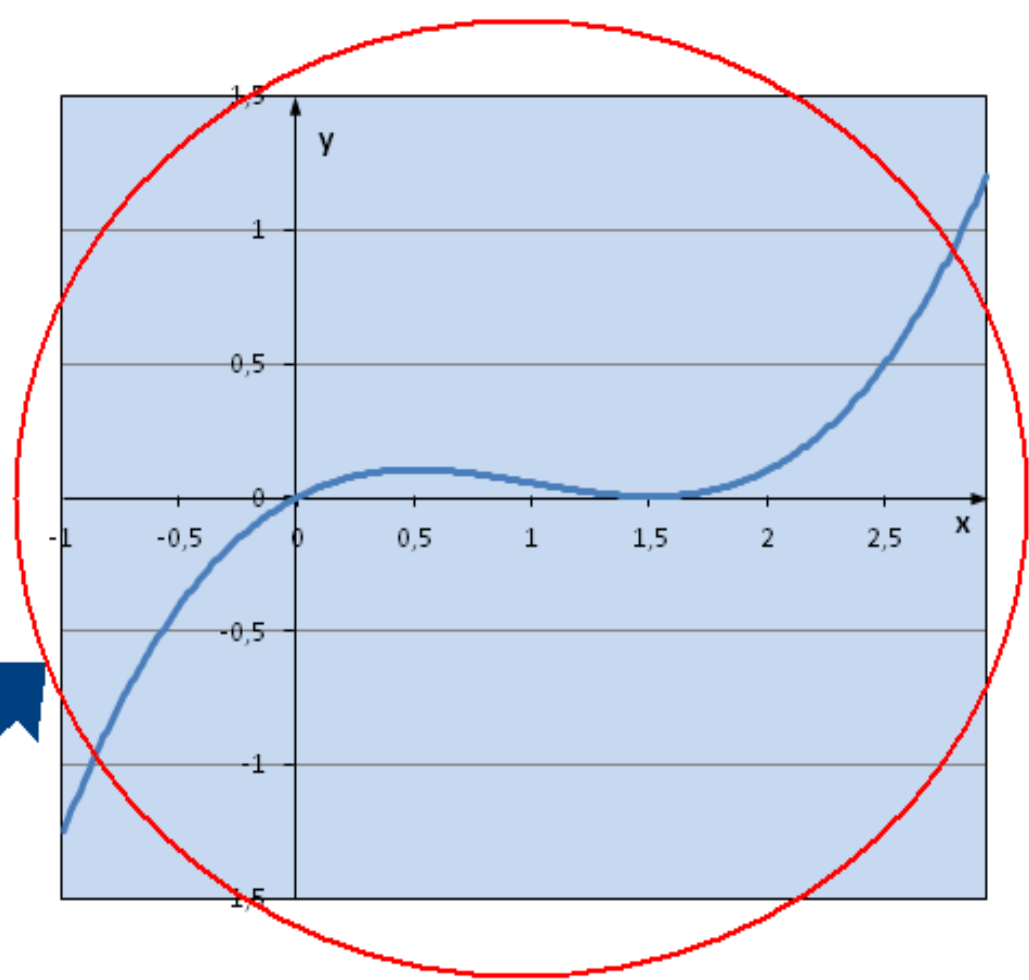
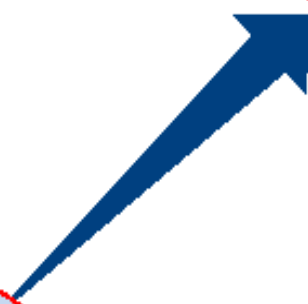
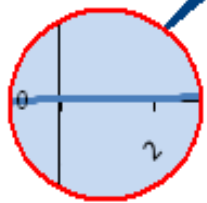




$$k = \lim_{h \rightarrow 0} \frac{f(a + h) - f(a)}{h} = f'(x)$$







Kontinuerliga och deriverbara funktioner

Polynomfunktioner

Växande och avtagande funktioner

Extrempunkte

Kurvkonstruktion