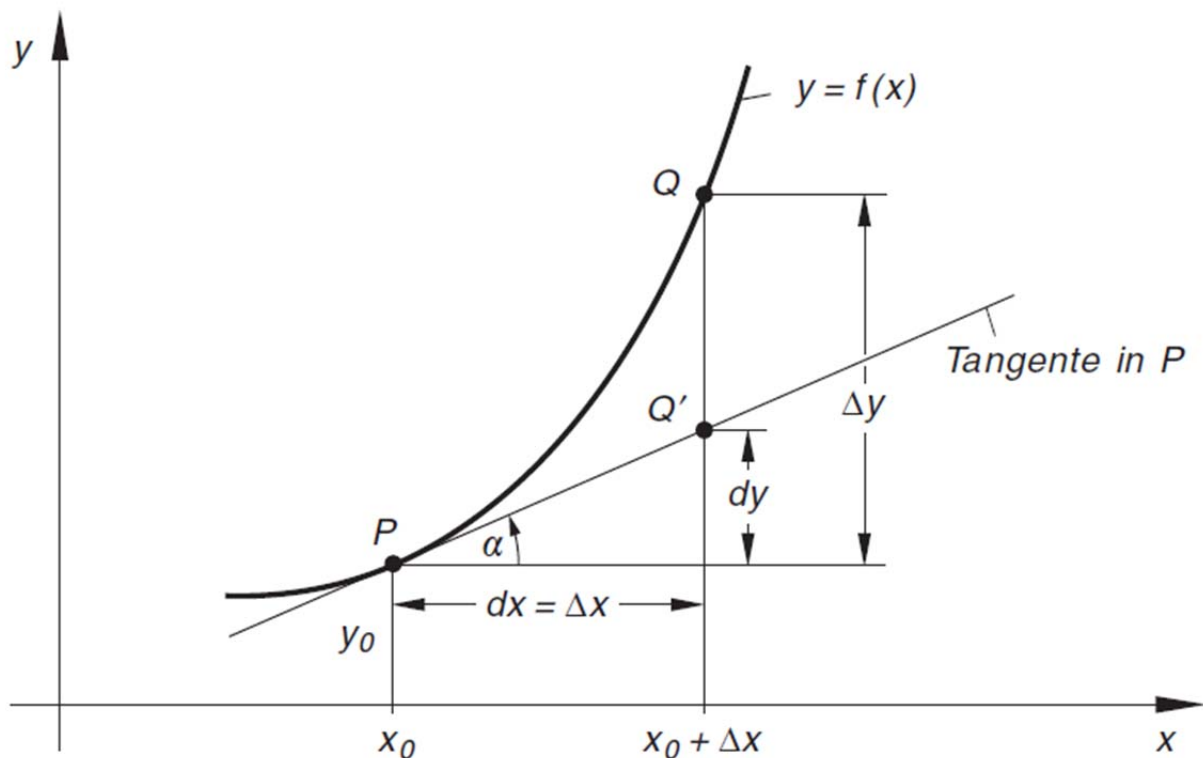


Differenzenquotient - Differentialquotient



$$f'(x_0) = \lim_{\Delta x \rightarrow 0} \frac{\Delta y}{\Delta x} = \frac{dy}{dx}$$

$$\frac{\Delta y}{\Delta x}$$

Differenzenquotient

$$\frac{dy}{dx}$$

Differentialquotient

dx

Differential der Variablen x

dy

Differential der Funktion f