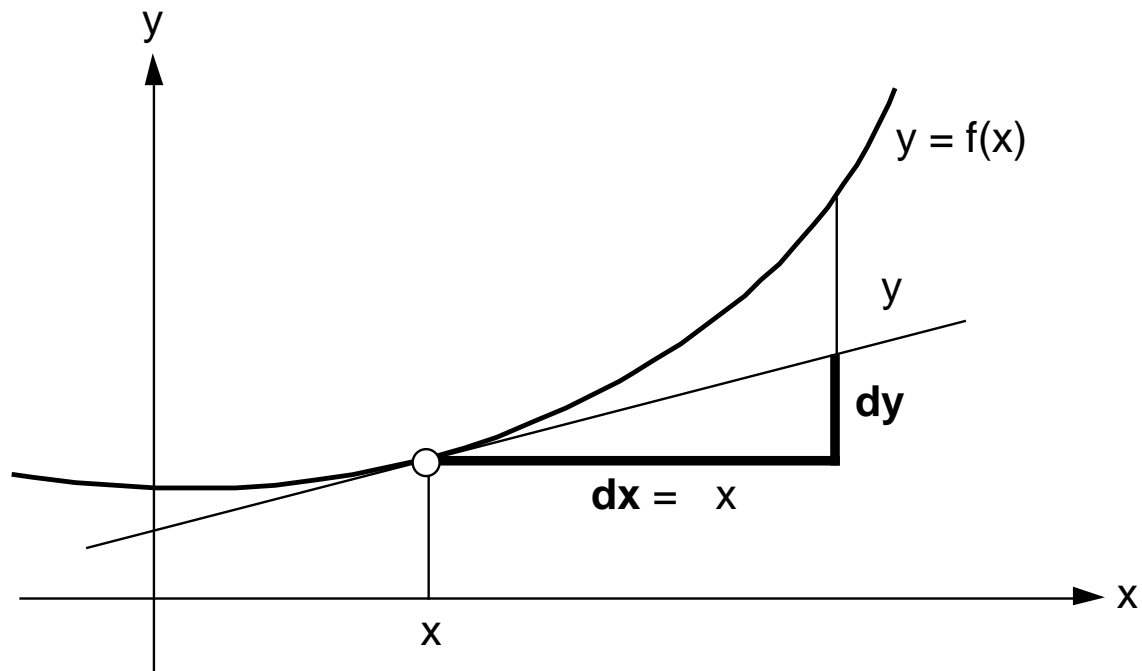


# Differential



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

$\frac{y}{x}$       Differenzenquotient

$\frac{dy}{dx}$       Differentialquotient

**dx**      unabhängiges **Differential**

**dy**      abhängiges **Differential**