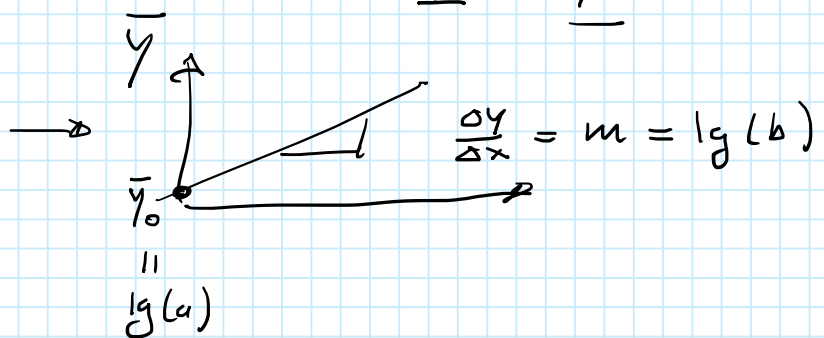
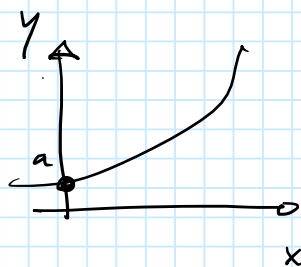


08 Logarithmische Darstellung

Donnerstag, 13. April 2023 14:22

$$f(x) = a \cdot b^x = y$$

$$\begin{aligned}\bar{y} &= \lg(y) = \lg(a \cdot b^x) = \lg(a) + x \cdot \lg(b) \\ &= \underline{m}x + \underline{\bar{y}_0}\end{aligned}$$



Potenzfunktion $f(x) = a \cdot x^p = y$

$$\begin{aligned}\bar{y} &= \lg(y) = \lg(a) + p \cdot \lg(x) = \lg(a) + p \bar{x} \\ &= \bar{y}_0 + m \bar{x}\end{aligned}$$

