

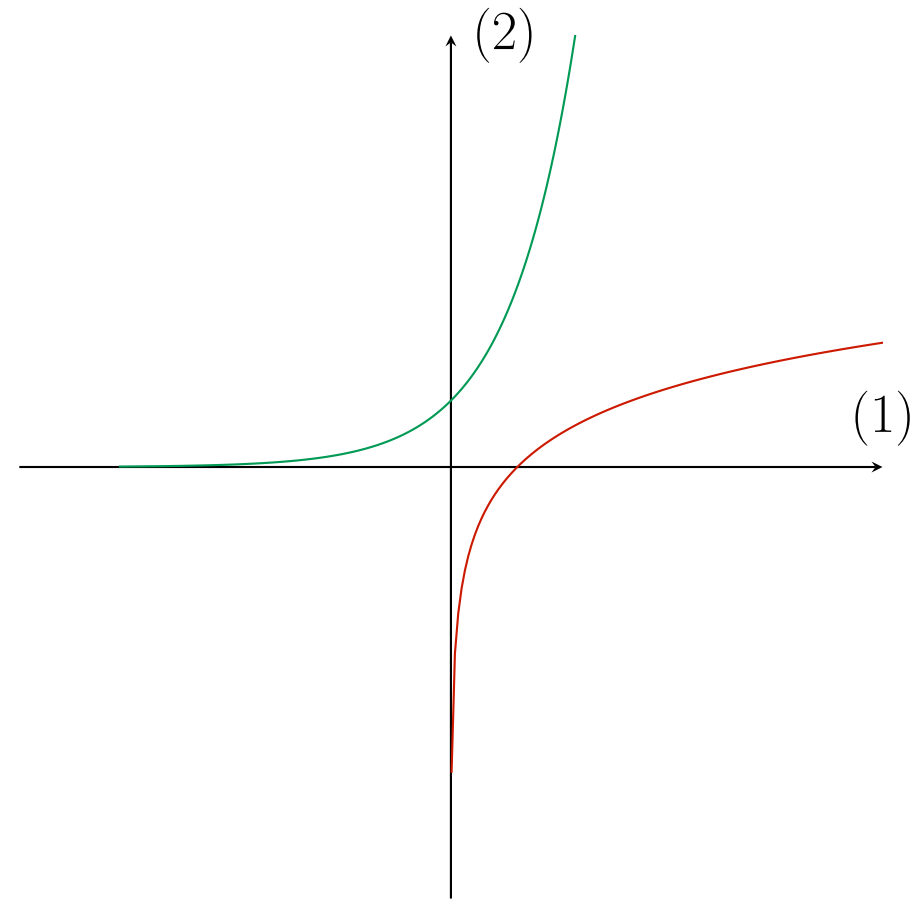
Logaritme

Sætning 1

$$\log(10^x) = x$$

Sætning 2

$$y = 10^{\log(y)}$$



Logaritme

Sætning 1

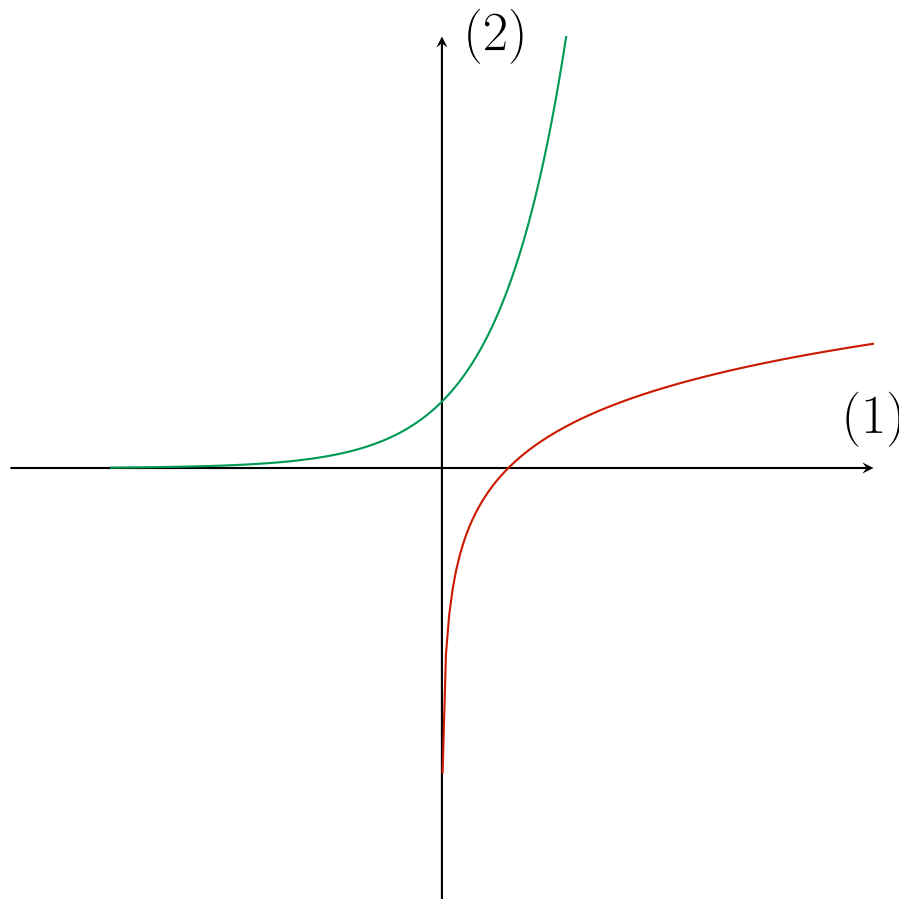
$$\log(10^x) = x$$

Sætning 2

$$y = 10^{\log(y)}$$

Sætning 3

$$\log(y^x) = \log(y) \cdot x$$



Logaritme

Sætning 1

$$\log(10^x) = x$$

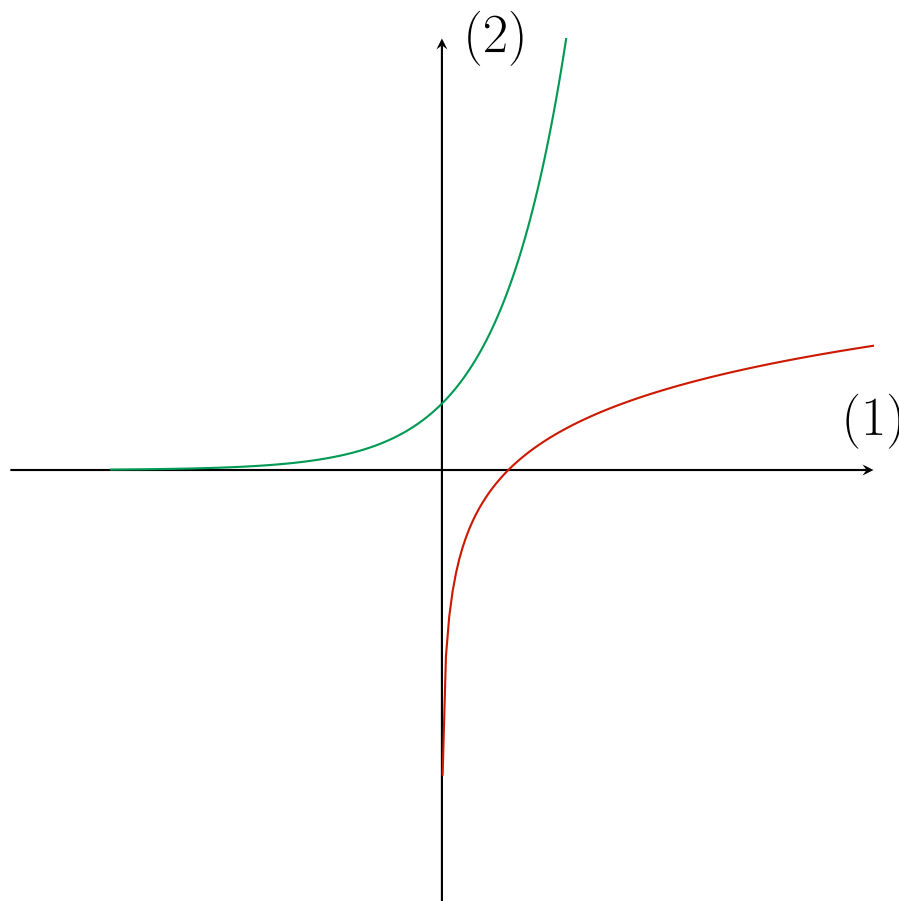
Sætning 2

$$y = 10^{\log(y)}$$

$$y^x = y^x$$

Sætning 3

$$\log(y^x) = \log(y) \cdot x$$



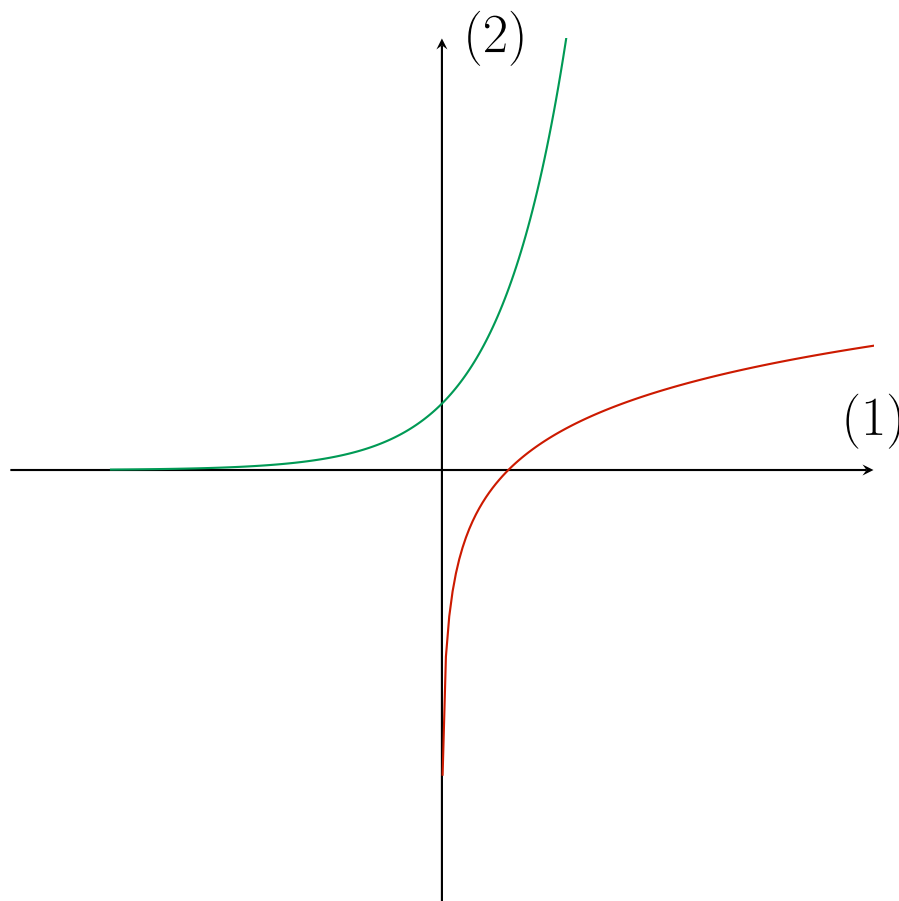
Logaritme

Sætning 1 $\log(10^x) = x$

Sætning 2 $y = 10^{\log(y)}$

$$\begin{aligned} y^x &= y^x \\ 10^{\log(y^x)} &= y^x \end{aligned}$$

Sætning 3 $\log(y^x) = \log(y) \cdot x$



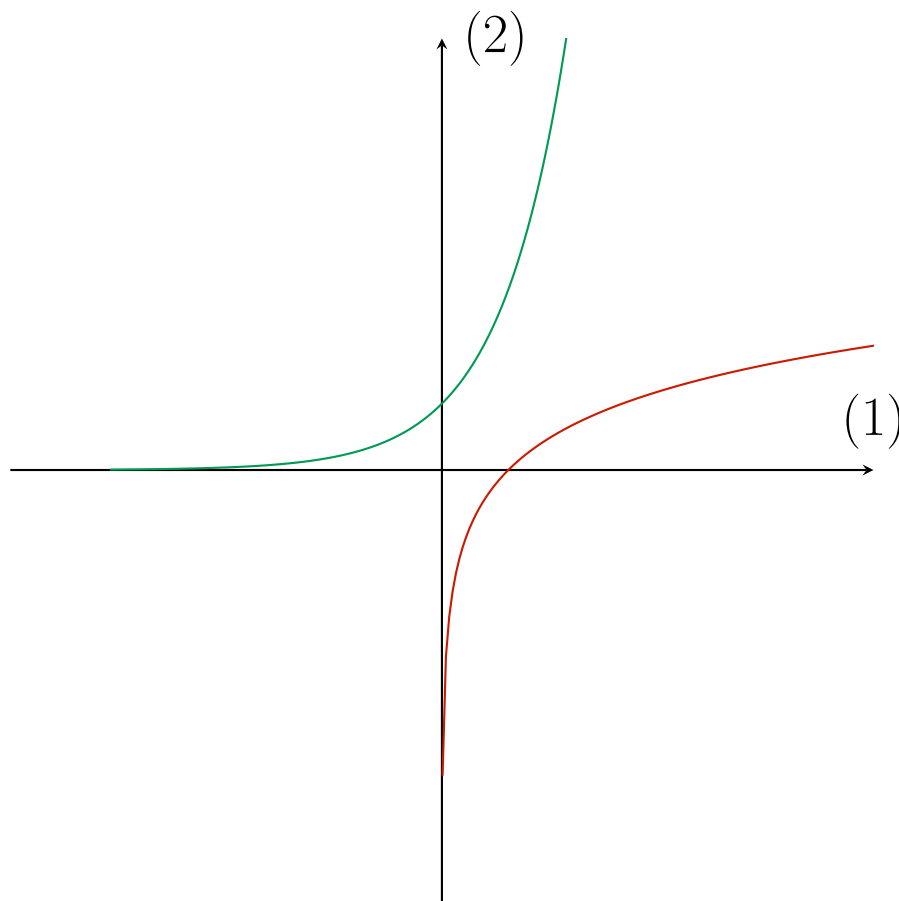
Logaritme

Sætning 1 $\log(10^x) = x$

Sætning 2 $y = 10^{\log(y)}$

$$\begin{aligned} y^x &= y^x \\ 10^{\log(y^x)} &= y^x \\ 10^{\log(y^x)} &= 10^{\log(y) \cdot x} \end{aligned}$$

Sætning 3 $\log(y^x) = \log(y) \cdot x$



Logaritme

Sætning 1 $\log(10^x) = x$

Sætning 2 $y = 10^{\log(y)}$

$$\begin{aligned} y^x &= y^x \\ 10^{\log(y^x)} &= y^x \\ 10^{\log(y^x)} &= 10^{\log(y) \cdot x} \\ \log(y^x) &= \log(y) \cdot x \end{aligned}$$

Sætning 3 $\log(y^x) = \log(y) \cdot x$

