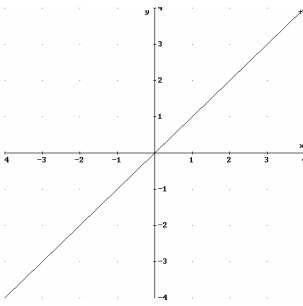
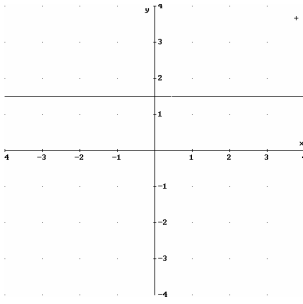


# FUNKTIONEN

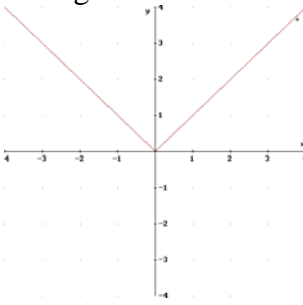
- $y = x$  (1. Median)  
identische Funktion



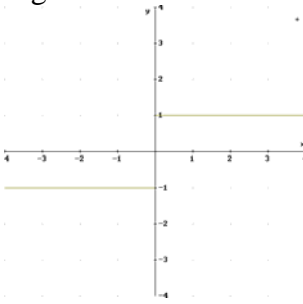
- $y = d$   
konstante Funktion



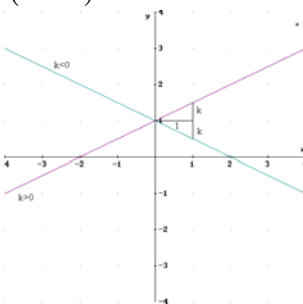
- $y = |x|$   
Betragfunktion



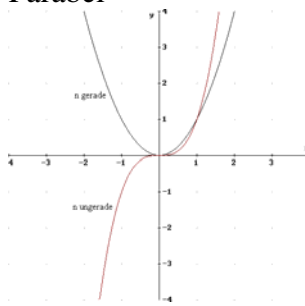
- $y = \text{sgn } x$   
Signum von x



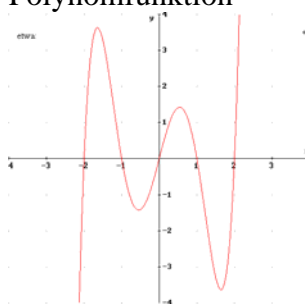
- $y = kx + d$   
( $k \neq 0$ )



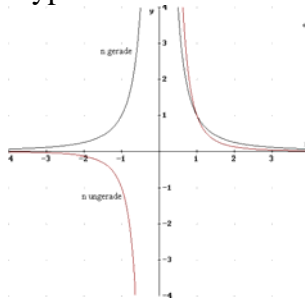
- $y = x^n$  ( $n \in \mathbb{N}$ )  
Parabel



- $y = a_0 + a_1x + \dots + a_nx^n$   
Polynomfunktion



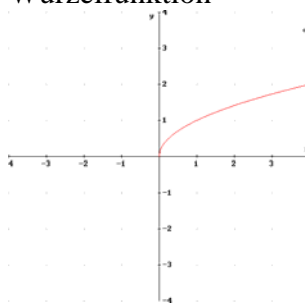
- $y = \frac{1}{x^n}$  ( $n \in \mathbb{N}$ )  
Hyperbel



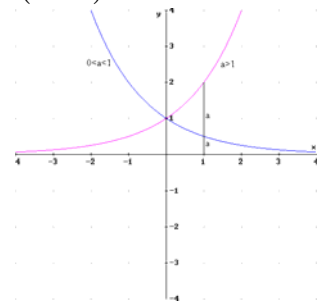
- $y = \frac{a_0 + a_1x + \dots + a_nx^n}{b_0 + b_1x + \dots + b_nx^n}$

(Asymptoten!)  
rationale Funktion

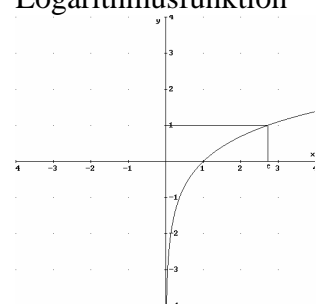
- $y = \sqrt[n]{x}$   
Wurzelfunktion



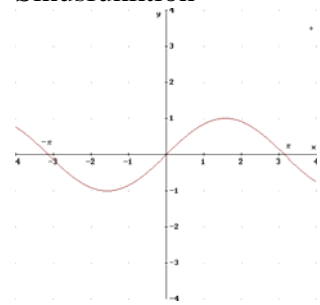
- $y = a^x$   
( $a > 0$ )



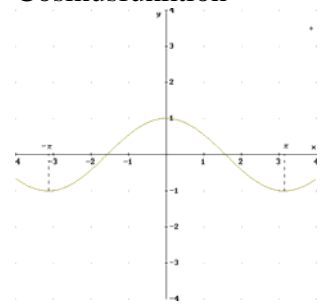
- $y = \ln x$   
Logarithmusfunktion



- $y = \sin x$   
Sinusfunktion



- $y = \cos x$   
Cosinusfunktion



- $y = \tan x$   
Tangensfunktion

