

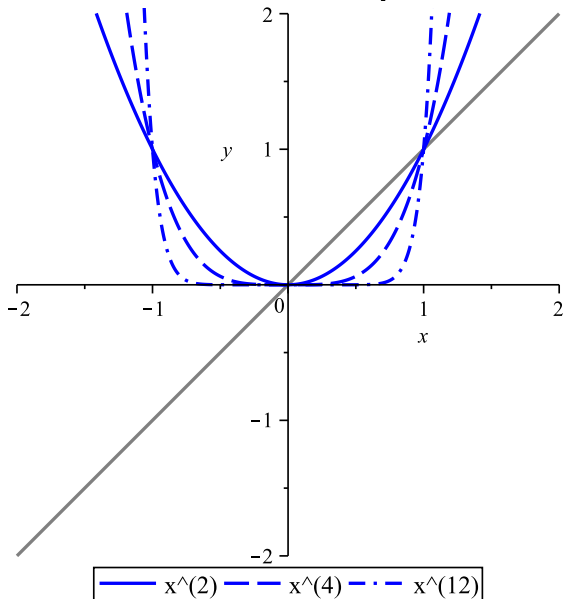
# Grafy některých elementárních funkcí

M.Rokyta, KMA MFF UK

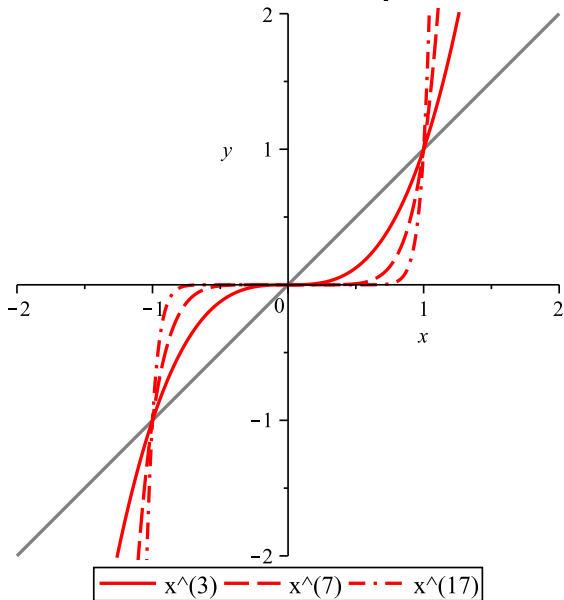
Obrázky byly vytvořeny programem Maple 13, prezentace pomocí LaTeX2eps, beamer.sty

September 22, 2010

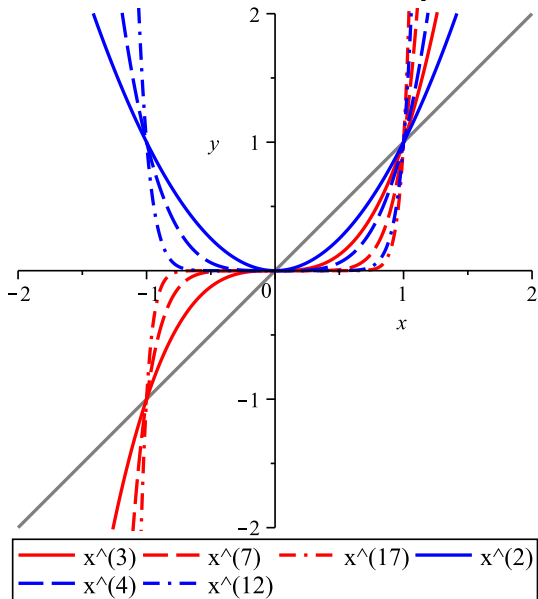
# Sudé mocniny



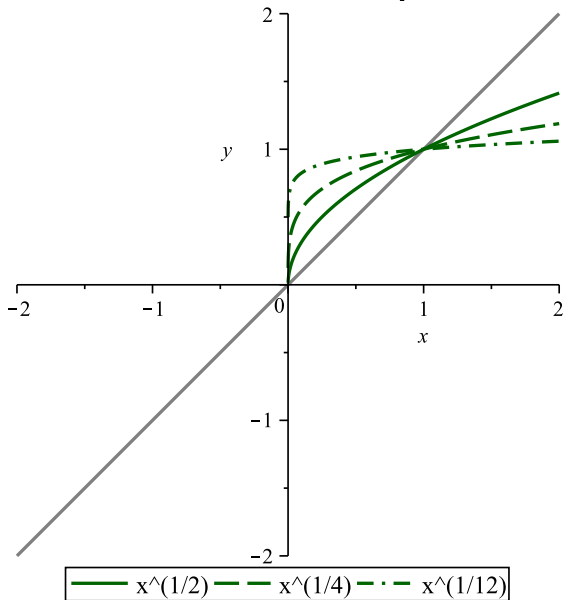
# Liché mocniny



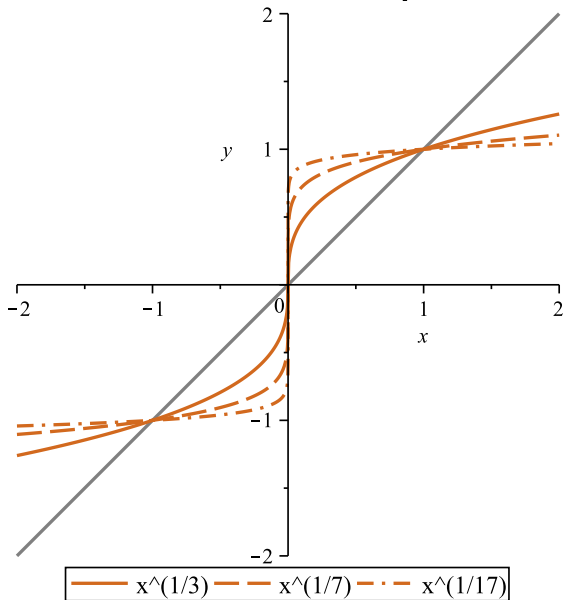
# Sudé a liché mocniny



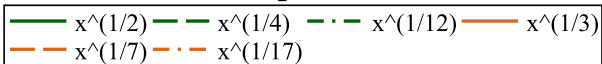
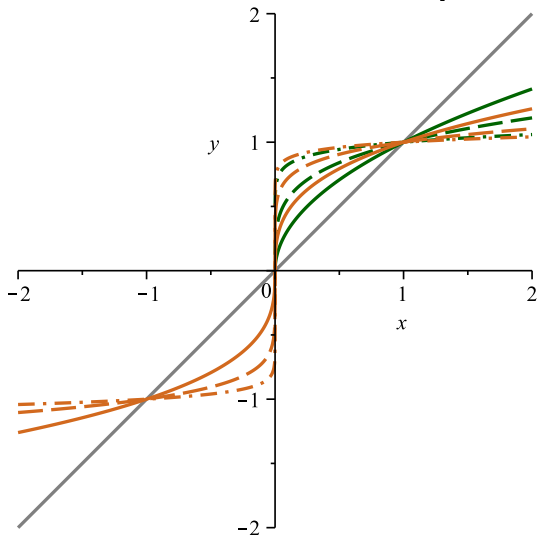
# Sudé odmocniny



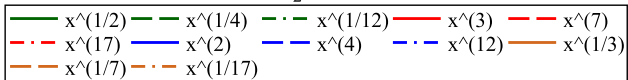
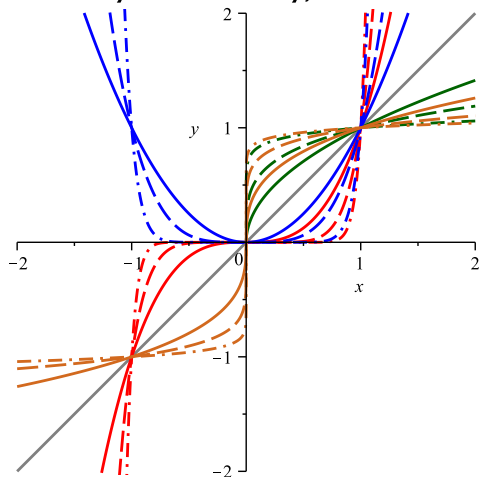
# Liché odmocniny



## Sudé a liché odmocniny

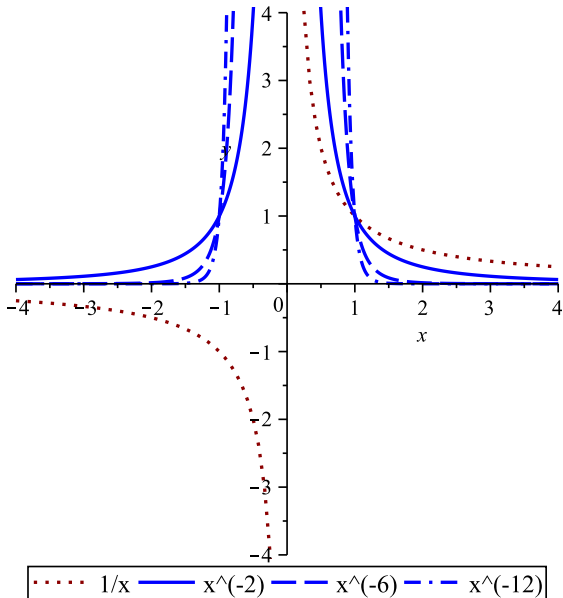


## Mocniny a odmocniny, sudé i liché

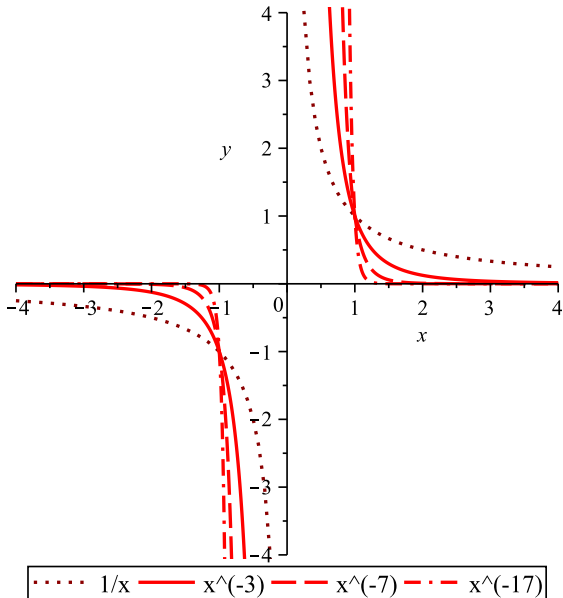




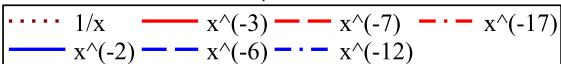
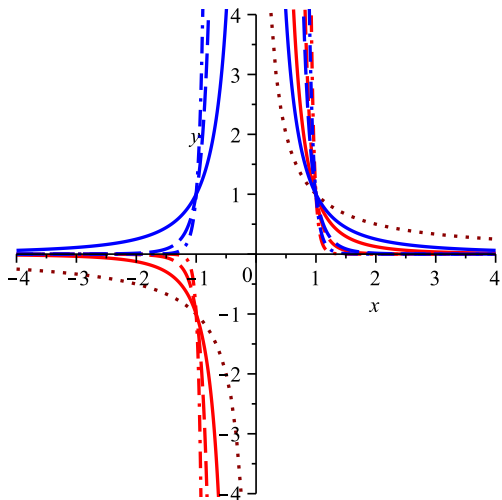
# Převrácené hodnoty sudých mocnin



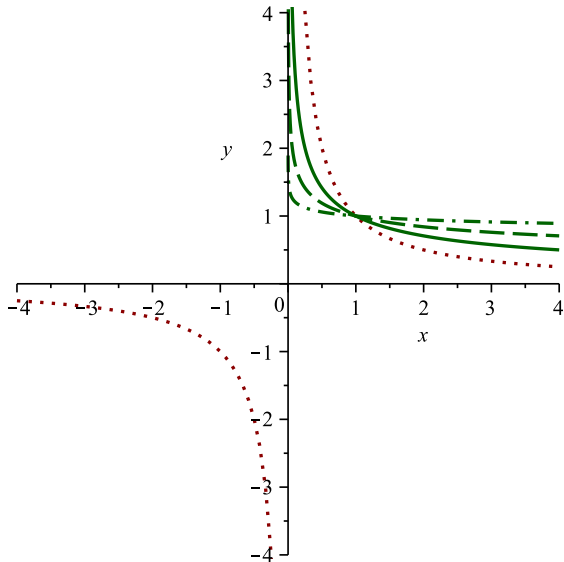
# Převrácené hodnoty lichých mocnin



# Převrácené hodnoty sudých i lichých mocnin

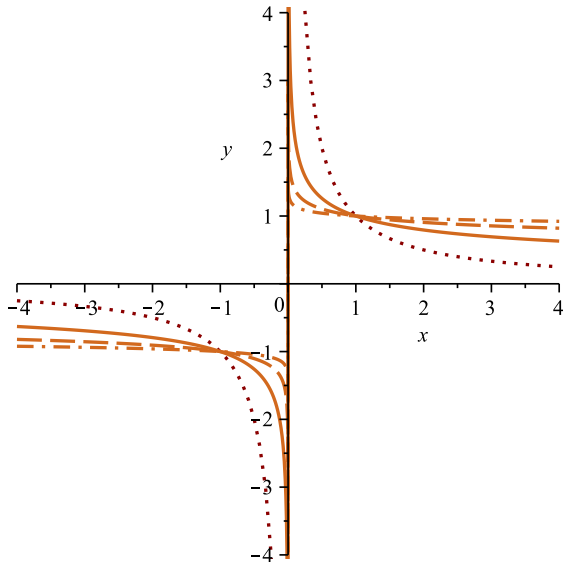


# Převrácené hodnoty sudých odmocnin



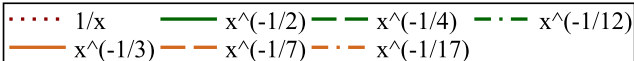
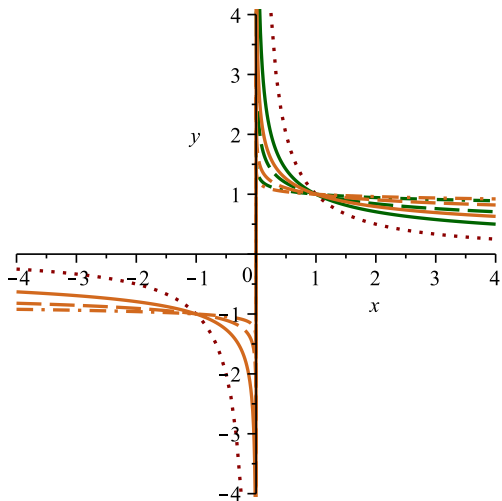
.....  $1/x$  —  $x^{-1/2}$  - -  $x^{-1/4}$  - · -  $x^{-1/12}$

# Převrácené hodnoty lichých odmocnin

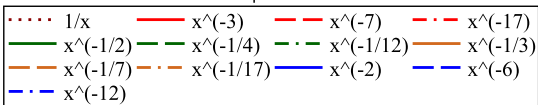
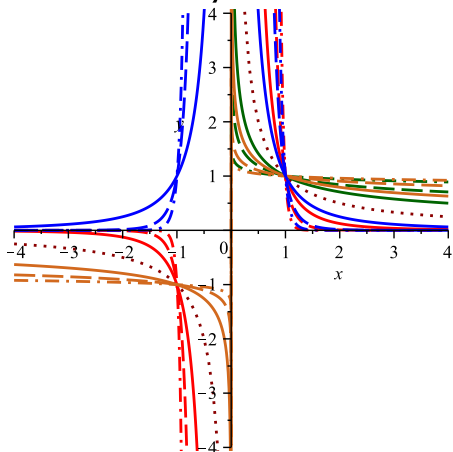


.....  $1/x$  —  $x^{-1/3}$  - -  $x^{-1/7}$  - · -  $x^{-1/17}$

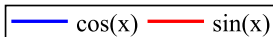
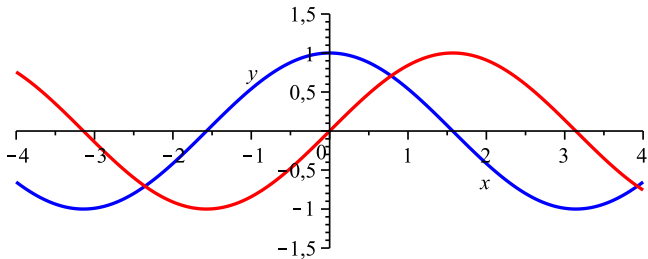
# Převrácené hodnoty sudých i lichých odmocnin



## Převrácené hodnoty mocnin a odmocnin

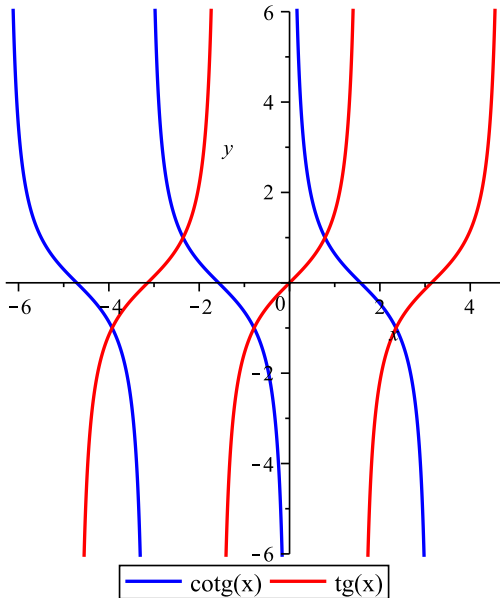


# Sinus a kosinus

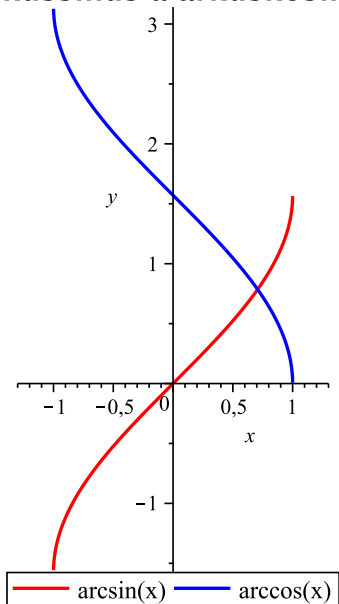




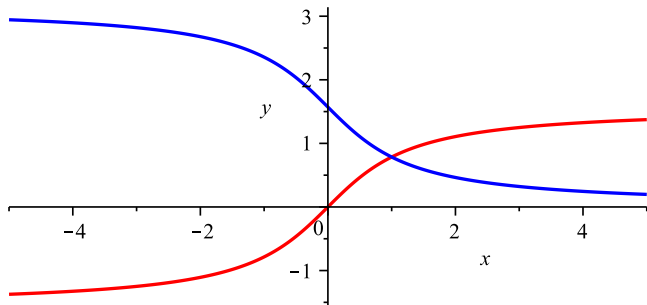
# Tangens a kotangens



# Arkussinus a arkuskosinus

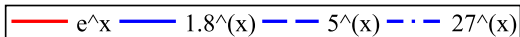
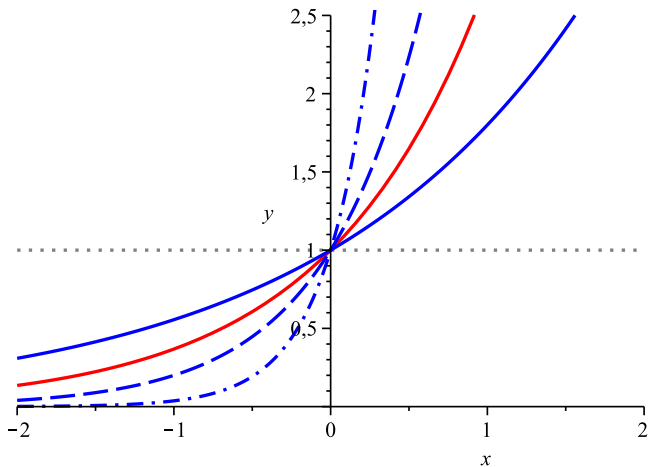


# Arkustangens a arkuskotangens

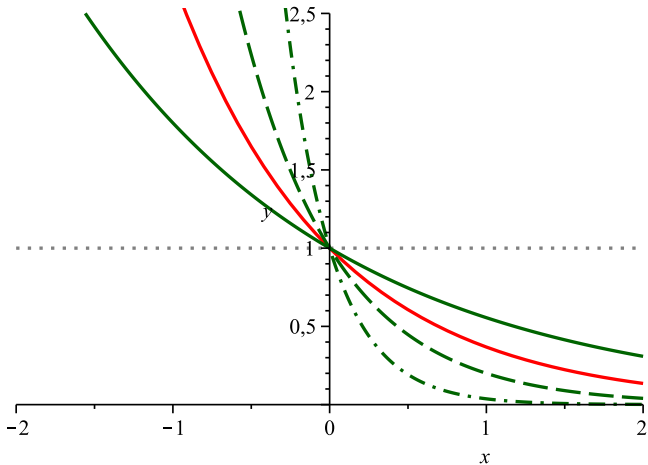


—  $\arctg(x)$  —  $\arccotg(x)$

# Exponenciály s kladnou mocninou

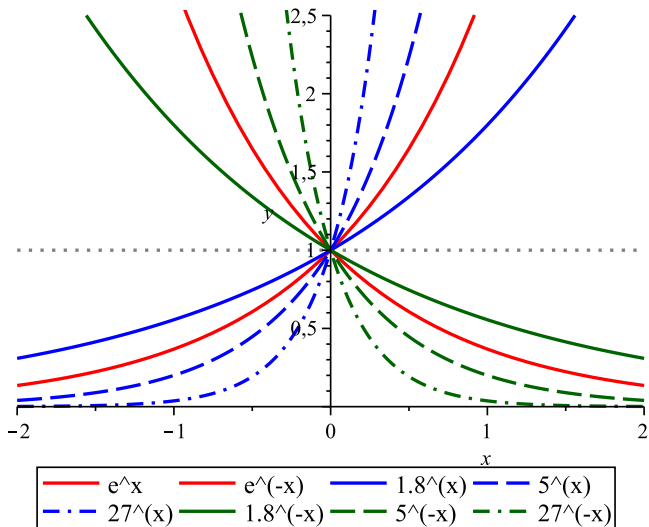


# Exponenciály se zápornou mocninou

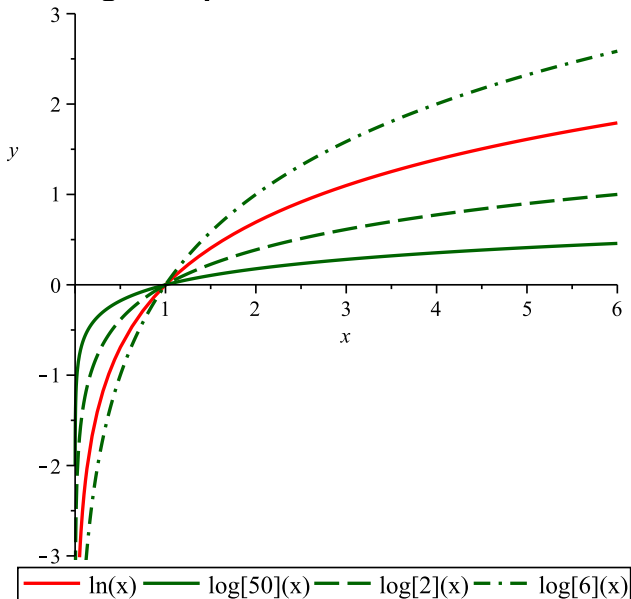


—  $e^{-x}$  —  $1.8^{-x}$  - -  $5^{-x}$  - · -  $27^{-x}$

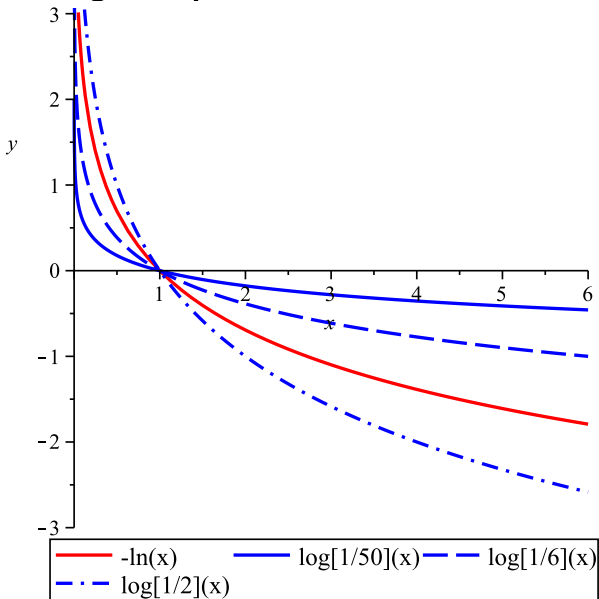
# Exponenciály s kladnou i zápornou mocninou



# Logaritmy o základu větším než 1



# Logaritmy o základu menším než 1





# Logaritmy o základu větším i menším než 1

