

Définition

Soit x un réel strictement positif :

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Propriétés algébriques de la fonction logarithme décimal

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- $y = \log(x) \Leftrightarrow x = 10^y$

La fonction logarithme décimal

$x \mapsto \log(x)$ est dérivable sur $]0; +\infty[$, sa dérivé est la fonction

$$x \mapsto \frac{1}{\ln(10)} \frac{1}{x}$$

Courbe représentative

