BLOG

derivative

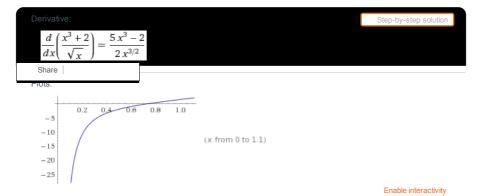
Examples

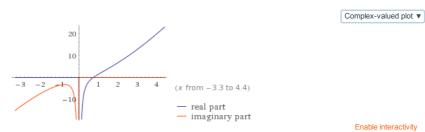
Random

Assuming "derivative" refers to a computation | Use as a general topic or referring to a mathematical definition or a word instead

■ function to differentiate: (x^3 + 2)/x^1/2

Also include: differentiation variable





Alternate form:

$$\frac{\frac{5 \, x^3}{2} - 1}{x^{3/2}}$$

Expanded form:

$$\frac{5\,x^{3/2}}{2} - \frac{1}{x^{3/2}}$$

Differential geometric curves:

(requires interactivity)

Enable Interactivity

Related Queries:

=
$$d^2/dx^2 ((x^3+2)/sqrt(x))$$
= series of $(x^3+2)/sqrt(x)$ at $x = 0$
= curvature of $(x^3+2)/sqrt(x)$

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