

dateplot compat=1.5

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$$(\cos(x^x) \cdot x^{\sin x^x})' = (\cos(x^x))' \cdot x^{\sin x^x} + \cos(x^x) \cdot (x^{\sin x^x})' \quad (1)$$

, ,

$$(\cos(x^x))' = -\sin x^x \cdot (x^x)' \quad (2)$$

?

$$(x^x)' = x^x \cdot (\ln x \cdot (x)') + \frac{(x)' \cdot x}{x} \quad (3)$$

,

$$(x)' = 1 \quad (4)$$

, ...

$$(x)' = 1 \quad (5)$$

,

$$(x^{\sin x^x})' = x^{\sin x^x} \cdot (\ln x \cdot (\sin x^x)' + \frac{(x)' \cdot \sin x^x}{x}) \quad (6)$$

, ,

$$(\sin x^x)' = \sin x^x \cdot (\ln \sin x \cdot (x)' + \frac{(\sin x)' \cdot x}{\sin x}) \quad (7)$$

, .

$$(x)' = 1 \quad (8)$$

?

$$(\sin x)' = \cos x \cdot (x)' \quad (9)$$

, , drumbass

$$(x)' = 1 \quad (10)$$

-, ...

$$(x)' = 1 \quad (11)$$

$$\begin{aligned} & (\cos(x^x) \cdot x^{\sin x^x})' (-\sin(x^x)) \cdot x^x \cdot (\ln x + 1) \cdot x^{\sin x^x} \\ & + \cos(x^x) \cdot x^{\sin x^x} \cdot (\sin x^x \cdot (\ln(\sin x) + \frac{\cos x \cdot x}{\sin x}) \cdot \ln x + \frac{\sin x^x}{x}) \end{aligned} \quad (12)$$