

DIFFERENTIATOR

Symbolic Derivation Engine

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1 The original form of the mathematical expression

$$((5 \cdot x) + (x \cdot \ln(x)))$$

2 We obtain the derivative

$$(((0 \cdot x) + (5 \cdot 1)) + ((1 \cdot \ln(x)) + (x \cdot \frac{1}{x})))$$

3 The final form can be simplified

$$(5 + (\ln(x) + (x \cdot \frac{1}{x})))$$