

BECOME A MEMBER

ON STEADY

The Bright Side of Mathematics



Day 20

Advent of Mathematical Symbols

Laplace operator
Laplacian

$$\Delta f(x) = \frac{\partial^2 f}{\partial x_1^2}(x) + \frac{\partial^2 f}{\partial x_2^2}(x) + \frac{\partial^2 f}{\partial x_3^2}(x)$$

$$f: \mathbb{R}^3 \rightarrow \mathbb{R}$$