

"Fascinating. The siren song of constants has drawn the greatest minds of physics and cosmology." —*The Washington Post Book World*

# *The € Co $\pi$ st $\alpha$ nts of Nature*

**The Numbers that Encode the  
Deepest Secrets of the Universe**

*John D. Barrow*

*Author of The Book of Nothing and Theories of Everything*

# Resumo de The Constants of Nature: The Numbers That Encode the Deepest Secrets of the Universe

Reality as we know it is bound by a set of constants numbers and values that dictate the strengths of forces like gravity, the speed of light, and the masses of elementary particles.

In *The Constants of Nature*, Cambridge Professor and bestselling author John D. Barrow takes us on an exploration of these governing principles. Drawing on physicists such as Einstein and Planck, Barrow illustrates with stunning clarity our dependence on the steadfastness of these principles.

But he also suggests that the basic forces may have been radically different during the universe's infancy, and suggests that they may continue a deeply hidden evolution. Perhaps most tantalizingly, Barrow theorizes about the realities that might one day be found in a universe with different parameters than our own."

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