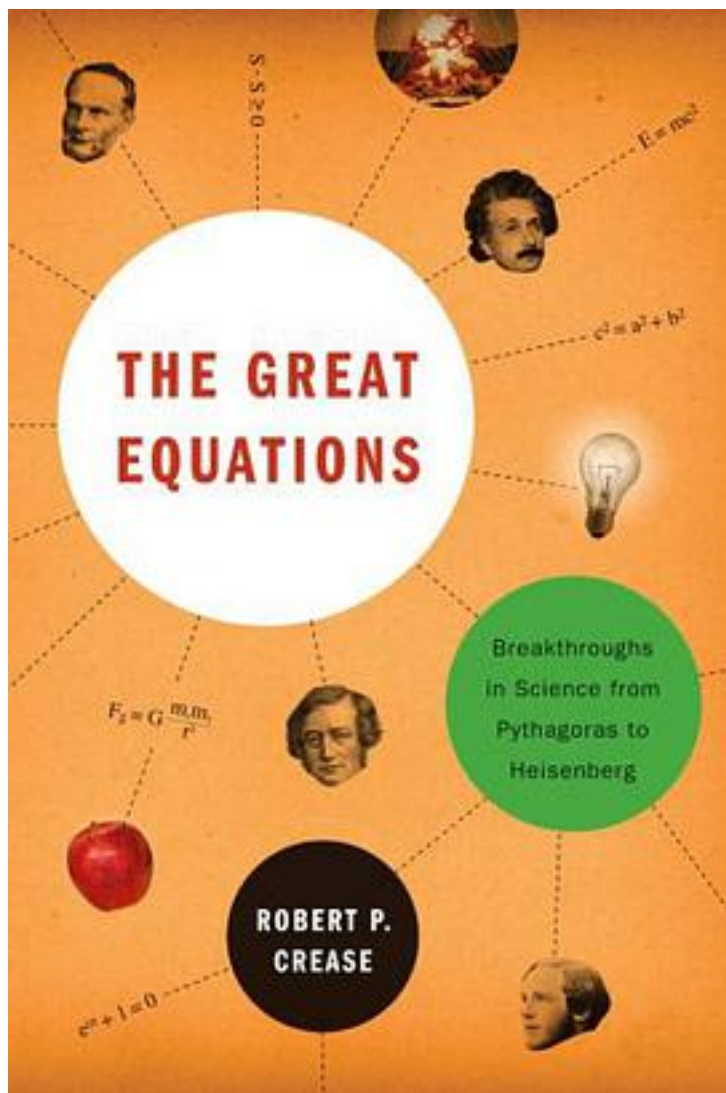


The Great Equations



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著者:Robert P. Crease

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Philosopher and science historian Robert P. Crease tells the stories behind ten of the greatest equations in human history. Was Nobel laureate Richard Feynman really joking when he called Maxwell's electromagnetic equations the most significant event of the nineteenth century? How did Newton's law of gravitation influence young revolutionaries? Why has Euler's formula been called "God's equation," and why did a mysterious ecoterrorist make it his calling card? What role do betrayal, insanity, and suicide play in the second law of thermodynamics? The Great Equations tells the stories of how these equations were discovered, revealing the personal struggles of their ingenious originators. From " $1 + 1 = 2$ " to Heisenberg's uncertainty principle, Crease locates these equations in the panoramic sweep of Western history, showing how they are as integral to their time and place of creation as are great works of art.

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《物理世界》杂志Critical Point专栏作家。著有The Prism And The Pendulum:The Ten Most Beautiful Experiments in Science、Making Physics: A Biography of Brookhaven National

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标签

科普

评论

被科普的感觉真好。

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书评

介绍了十个很著名的方程。俺个人来说最后两个完全没听过。。而且除了前三个和爱因斯坦质能方程之外，剩下的也只是听过名字，公式根本没有用到过，也不怎么能懂。整本书既包括介绍方程的重大意义，来源历史，发明的人，相关历史之外，甚至还用了很多方程，对其进行推理证明，...

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