



## Nothing: A Very Short Introduction (Paperback)

By Frank Close

Oxford University Press, United Kingdom, 2009. Paperback. Condition: New. Language: English . Brand New Book. What is nothing ? What remains when you take all the matter away? Can empty space - a void - exist? This Very Short Introduction explores the science and the history of the elusive void: from Aristotle who insisted that the vacuum was impossible, via the theories of Newton and Einstein, to our very latest discoveries and why they can tell us extraordinary things about the cosmos. Frank Close tells the story of how scientists have explored the elusive void, and the rich discoveries that they have made there. He takes the reader on a lively and accessible history through ancient ideas and cultural superstitions to the frontiers of current research. He describes how scientists discovered that the vacuum is filled with fields; how Newton, Mach, and Einstein grappled with the nature of space and time; and how the mysterious aether that was long ago supposed to permeate the void may now be making a comeback with the latest research into the Higgs field . We now know that the vacuum is far from being empty - it seethes with virtual particles and antiparticles that...

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