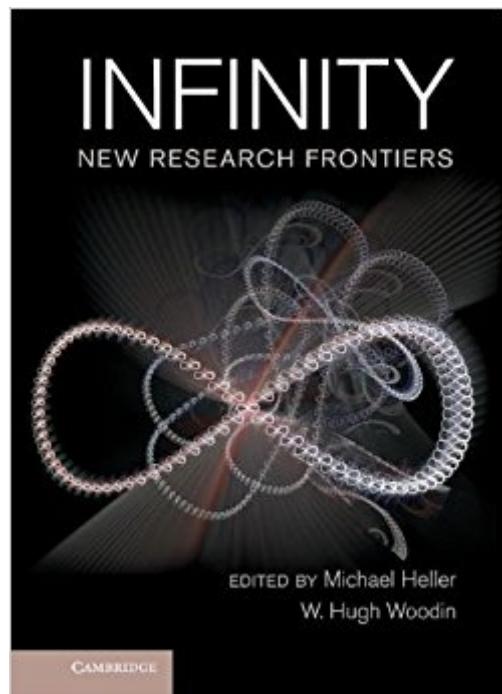


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Infinity: New Research Frontiers



Synopsis

"The infinite! No other question has ever moved so profoundly the spirit of man; no other idea has so fruitfully stimulated his intellect; yet no other concept stands in greater need of clarification than that of the infinite." - David Hilbert This interdisciplinary study of infinity explores the concept through the prism of mathematics and then offers more expansive investigations in areas beyond mathematical boundaries to reflect the broader, deeper implications of infinity for human intellectual thought. More than a dozen world-renowned researchers in the fields of mathematics, physics, cosmology, philosophy, and theology offer a rich intellectual exchange among various current viewpoints, rather than displaying a static picture of accepted views on infinity. The book starts with a historical examination of the transformation of infinity from a philosophical and theological study to one dominated by mathematics. It then offers technical discussions on the understanding of mathematical infinity. Following this, the book considers the perspectives of physics and cosmology: Can infinity be found in the real universe? Finally, the book returns to questions of philosophical and theological aspects of infinity.

Book Information

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Customer Reviews

"On the whole, *Infinity: New Research Frontiers* is an excellent collection from some first-rate philosophers. The importance of the contributors along with the high quality of their pieces make this a volume worth reading." *Linguistic and Philosophical Investigations*

This interdisciplinary study of infinity explores the concept through the prism of mathematics and

offers expansive investigations in areas beyond mathematical boundaries to reflect the implications of infinity for human intellectual thought. More than a dozen world-renowned researchers offer an intellectual exchange among viewpoints, rather than displaying a static picture of accepted views on infinity.

It's a math book. I don't want to read 3 chapters about god and the religious ramifications of infinity just to get to some actual set theory. Chapter 4 which was written by Dr. Wooden explains large cardinals in a very relaxed and understandable manner.

A good exposition on Infinity. It is one of my favorites of books on infinity and a good read for a non mathematical reader.

It's a little mature but interesting and very descriptive about the ups and downs of the infinite and eternity of life.

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