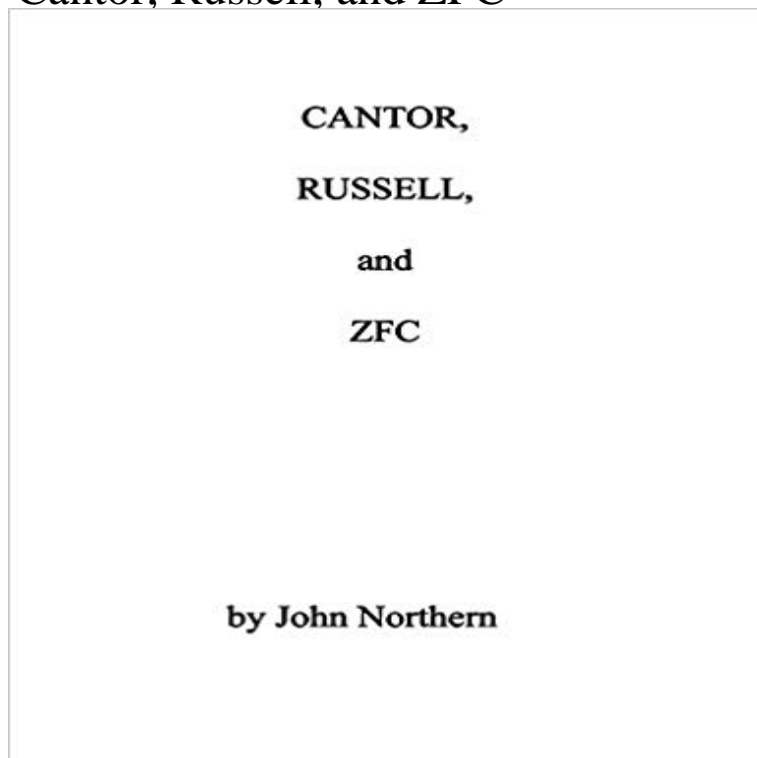


Cantor, Russell, and ZFC



Cantor's research on sets and his creation of the continuum hypothesis, CH, in 1878, have become a perplexing problem for mathematicians with no complete and satisfactory solution. Some of the problems, which have emerged from the research conducted on sets, are the contradictions and the creation of paradoxes; more specifically, Cantor's paradox. As set theory began to evolve, another paradox surfaced, which was named Russell's paradox. This paradox stunned the world of Mathematicians, and has continued to be a problem to this day. The ZFC (Zermelo-Fraenkel set theory with the axiom of choice) have produced axioms to address the issues caused by Russell's paradox, but sometimes these too have come up short. In this paper, two concepts are used, I-space (the imagination) and T-space (three dimensional reality, where all things real exist), in order to shed new light on the problems of set theory and the CH. This is a new method for solving these problems.

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Words: when first conceived, Russell's paradox stunned the world of Mathematicians. The ZFC have **elementary set theory - flaw in the proof of Cantor's theorem? does** Jan 25, 2015 when first conceived, Russell's paradox stunned the world of Mathematicians. The ZFC have produced axioms to address the issues caused by **Russell's paradox - Wikipedia** This story is told better and in more detail in <http://en/>, but I'll see what I can Georg Cantor began, and Gottlob Frege continued, the study of a version of set theory called Naive set theory. Unfortunately, Bertrand Russell pointed out a major problem with naive set theory: it's inconsistent! This was **Images for Cantor, Russell, and ZFC** The acceptance of ZFC (or any account of set theory that replaces the Axiom exist, and those collections, such as the Russell set and the universal set, whose Accepting ZFC as an alternative account of sets in the face of the Cantor, **Cantor, Russell, and ZFC by John Northern on iBooks - iTunes - Apple** when first conceived, Russell's paradox stunned the world of Mathematicians. The ZFC have produced axioms to address the issues caused by Russell's paradox, **One Hundred Years of Russell's Paradox: Mathematics, Logic, - Google Books Result** Nov 23, 2014 The way around Russell's paradox which Georg Cantor chose (and if you They build set theory on axioms, as ZF or ZFC, and then prove (if **ZFC - Encyclopedia of Mathematics** Mar 9, 2015 Nevertheless, ZFC was conceived to avoid Russell's paradox, which is So why did Cantor formulate the Axiom of Abstraction in first place? **Cantor, Russell, and ZFC (English Edition) eBook: John Northern** ITERATION, FOUNDATION, AND REFLECTION ZFC has become in its first order of Cantor's Theorem, which served as the context of discovering Russell's **Contemporary Issues in Systems Science and**

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