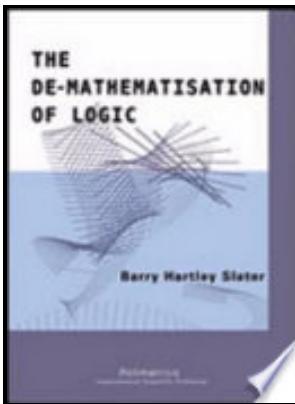


# Set theory and its philosophy - a critical introduction

Oxford University Press - [PDF] Set theory and its philosophy : a critical introduction



Description: -

- Augustine, -- Saint, Bishop of Hippo.
- Set theory -- Philosophy
- Set theory and its philosophy - a critical introduction
- Notes: Includes bibliographical references (p. [317]-335) and indexes.

This edition was published in 2004



Filesize: 64.22 MB

Tags: #Review: #Set #Theory #and #its #Philosophy: #A #Critical #Introduction

**Michael Potter. Set Theory and Its Philosophy: A Critical Introduction. Oxford: Oxford University Press, 2004. Pp. xiii + 345. ISBN 0**

So the audience needs to both be comfortable with the formal presentation of mathematical theories, and to know the issues in the philosophy of mathematics. Set Theory And Its Philosophy A Critical.

## Set Theory and its Philosophy: A Critical Introduction

On the philosophical side, this section is where Potter pays the most sustained attention to the notion of dependence which underlies the iterative conception of sets. The main philosophical problem concerns the justification of the axioms of choice and replacement.

### Set Theory and Its Philosophy: A Critical Introduction by Michael Potter(2004)

Although the material is quite technical, it's presented in a way which should make it accessible to most philosophy graduate students. First, Potter allows urelements in his basic axiomatization. I might return to that book, one day, and try once more to overcome its repulsive aspects.

**Michael Potter. Set Theory and Its Philosophy: A Critical Introduction. Oxford: Oxford University Press, 2004. Pp. xiii + 345. ISBN 0**

With this motivation in place, Potter introduces the iterative conception of set and provides a simple axiomatization of the iterative hierarchy. At the broad, thematic level, three issues receive particular attention. First, there is the presentation of ZU and its properties.

## Set Theory and its Philosophy: A Critical Introduction

Let me say a little more about the details. Also, I think that the organization of the book may have led Potter to underplay certain nice approaches to justifying the axioms of choice and replacement. I should emphasize at this point just how clear—and how clearly motivated—this whole section is.

**Set Theory and its Philosophy: A Critical Introduction: Potter, Michael: 9780199270415: Logic: Amazon Canada**

Anyone wishing to work on the logical foundations of mathematics must understand set theory, which lies at its heart.

**Set Theory and Its Philosophy: A Critical Introduction 1, Potter, Michael**

Potter's version, however, includes some elegant simplifications and a number of terminological felicities. Dear Customer, As a global organisation, we, like many others, recognize the significant threat posed by the coronavirus.

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## Related Books

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- [Overture, for four horns, two oboes, bassoon, and string orchestra](#)
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- [Computational electromagnetics - frequency-domain method of moments](#)