Record Nr. UNINA9910454113003321 Autore Fine Kit Titolo The limits of abstraction [[electronic resource] /] / Kit Fine Pubbl/distr/stampa Oxford, : Clarendon Press, 2002 **ISBN** 1-281-77012-4 9786611770129 0-19-156726-4 Descrizione fisica 1 online resource (214 p.) Disciplina 510.1 510/.1 Soggetti Abstraction Mathematics - Philosophy Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references and indexes. Nota di contenuto Contents; Introduction; I. Philosophical Introduction; II. The Context Principle; III. The Analysis of Acceptability; IV. The General Theory of Abstraction; References; Main Index; Index of First Occurrence of Formal Symbols and Definitions Sommario/riassunto Kit Fine develops a Fregean theory of abstraction, and suggests that it may yield a new philosophical foundation for mathematics, one that can account for both our reference to various mathematical objects and our knowledge of various mathematical truths. The Limits of Abstraction breaks new ground both technically and philosophically. -;

answers to these questions along the lin

What is abstraction? To what extent can it account for the existence and identity of abstract objects? And to what extent can it be used as a foundation for mathematics? Kit Fine provides rigorous and systematic