Record Nr. UNINA9910963848103321 Autore Marion Mathieu <1962-> Titolo Wittgenstein, finitism, and the foundations of mathematics / / Mathieu Marion Pubbl/distr/stampa Oxford,: Clarendon Press New York,: Oxford University Press, 1998 **ISBN** 0-19-170155-6 0-19-156832-5 1-281-99876-1 9786611998769 Edizione [1st ed.] Descrizione fisica 1 online resource (281 p.) Collana Oxford philosophical monographs Disciplina 510/.1 Soggetti Mathematics - Philosophy 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 (p. [237]-252) and index. Nota di contenuto Contents; List of Abbreviations; 1. Introduction: Wittgenstein's Anti-Platonism; 2. Logicism without Classes; 3. Arbitrary Functions; 4. Quantification and Finitism; 5. From Truth-Functional Logic to a Logic of Equations; 6. Philosophy and Logical Foundations; 7. The Continuum; 8. Strict Finitism; References; Index Sommario/riassunto Mathieu Marion traces the development of Wittgenstein's thinking from the 1920's through to the 1950's, in the context of the mathematical and philosophical work of the time, making sense of ideas that have often been misunderstood. He shows that study of Wittgenstein's writings on mathematics is essential to a proper understanding of his philosophy. - : Mathieu Marion offers a careful, historically informed study of Wittgenstein's philosophy of mathematics. This area of his work has frequently been undervalued by Wittgenstein specialists and

by philosophers of mathematics alike; but the surprisi