Record Nr. UNINA9910808018803321 Infinity and truth / / editors, Chitat Chong, Qi Feng, National University Titolo of Singapore, Singapore, Theodore A. Slaman, W. Hugh Woodin, University of California, Berkeley, USA New Jersey:,: World Scientific,, [2014] Pubbl/distr/stampa 2014 **ISBN** 981-4571-04-0 Descrizione fisica 1 online resource (ix, 234 pages): illustrations Collana Lecture notes series (Institute for Mathematical Sciences, National University of Singapore), , 1793-0758; ; volume 25 Disciplina 510.1 Soggetti Logic, Symbolic and mathematical Mathematics - Philosophy Set theory Axiomatic set theory Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali "Based on the talks given at the Workshop on Infinity and Truth held at the Institute for Mathematical Sciences, National University of Singapore, from 25 to 29 July 2011." Nota di bibliografia Includes bibliographical references. Nota di contenuto section I. Invited lectures -- section II. Special session. This volume is based on the talks given at the Workshop on Infinity and Sommario/riassunto Truth held at the Institute for Mathematical Sciences, National University of Singapore, from 25 to 29 July 2011. The chapters cover topics in mathematical and philosophical logic that examine various aspects of the foundations of mathematics. The theme of the volume focuses on two basic foundational questions: (i) What is the nature of mathematical truth and how does one resolve questions that are formally unsolvable within the Zermelo-Fraenkel Set Theory with the Axiom of Choice, and (ii) Do the discoveries in mathematic