Record Nr. UNINA9910823942503321 Autore Cooper S. B (S. Barry) Titolo Alan Turing: his work and impact / / edited by S. Barry Cooper and Jan van Leeuwen Pubbl/distr/stampa Amsterdam;; Boston,: Elsevier, 2013 Waltham, MA:,: Elsevier,, 2013 **ISBN** 1-299-38603-2 0-12-387012-7 Descrizione fisica 1 online resource (xxi, 914 pages): illustrations (some color) Collana Gale eBooks Disciplina 510.92 В Soggetti Mathematicians - Great Britain Computer science - Mathematics Enigma cipher system Logic, Symbolic and mathematical Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia "A bibliography of publications of Alan Mathison Turing."-- p. 877. Note generali Nota di bibliografia Includes bibliographical references and index. Nota di contenuto pt. 1. How do we compute? what can we prove? -- pt. 2. Hiding and unhiding information: cryptology, complexity and number theory -pt. 3. Building a brain: intelligent machines, practice and theory -- pt. 4. The mathematics of emergence: the mysteries of morphogenesis. ""The fact remains that everyone who taps at a keyboard, opening a Sommario/riassunto spreadsheet or a word-processing program, is working on an incarnation of a Turing machine.""-TIME In this accessible new selection of writings by Information Age pioneer Alan Turing, readers will find many of the most significant contributions from the fourvolume set of the Collected Works of A. M. Turing. These contributions, together with commentaries from current experts in a wide spectrum of fields and backgrounds, provide insight on the significance and contemporary impact of A.M. Turing's