

1. Record Nr.	UNISA996465321303316
Titolo	How the World Computes [[electronic resource]] : Turing Centenary Conference and 8th Conference on Computability in Europe, CiE 2012, Cambridge, UK, June 18-23, 2012, Proceedings / / edited by Barry S. Cooper, Anuj Dawar, Benedikt Löwe
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2012
ISBN	3-642-30870-8
Edizione	[1st ed. 2012.]
Descrizione fisica	1 online resource (XVIII, 756 p. 42 illus.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 7318
Disciplina	004.0151
Soggetti	Computer science Algorithms Computer science—Mathematics Discrete mathematics Mathematical logic Theory of Computation Discrete Mathematics in Computer Science Symbolic and Algebraic Manipulation Mathematical Logic and Foundations
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	International conference proceedings.
Nota di bibliografia	Includes bibliographical references and author index.
Sommario/riassunto	This book constitutes the refereed proceedings of the Turing Centenary Conference and the 8th Conference on Computability in Europe, CiE 2012, held in Cambridge, UK, in June 2012. The 53 revised papers presented together with 6 invited lectures were carefully reviewed and selected with an acceptance rate of under 29,8%. The CiE 2012 Turing Centenary Conference will be remembered as a historic event in the continuing development of the powerful explanatory role of computability across a wide spectrum of research areas. The papers presented at CiE 2012 represent the best of current research in the area, and forms a fitting tribute to the short but brilliant trajectory of

Alan Mathison Turing. Both the conference series and the association promote the development of computability-related science, ranging over mathematics, computer science and applications in various natural and engineering sciences such as physics and biology, and also including the promotion of related non-scientific fields such as philosophy and history of computing.
