Record Nr. UNINA9910789718903321 The best writing on mathematics . 2011 [[electronic resource] /] / **Titolo** Mircea Pitici, editor Pubbl/distr/stampa Princeton,: Princeton University Press, c2012 **ISBN** 1-283-29065-0 9786613290656 1-4008-3954-8 Edizione [Course Book] Descrizione fisica 1 online resource (xxx, 383 pages) The Best Writing on Mathematics::2 Collana Altri autori (Persone) PiticiMircea <1965-> Disciplina 510 Soggetti Mathematics Science

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This anthology brings together the year's finest mathematics writing from around the world. Featuring promising new voices alongside some of the foremost names in the field, The Best Writing on Mathematics 2011 makes available to a wide audience many articles not easily found anywhere else--and you don't need to be a mathematician to enjoy them. These writings offer surprising insights into the nature, meaning, and practice of mathematics today. They delve into the history, philosophy, teaching, and everyday occurrences of math, and take readers behind the scenes of today's hottest mathematical debates. Here Ian Hacking discusses the salient features that distinguish mathematics from other disciplines of the mind; Doris Schattschneider identifies some of the mathematical inspirations of M. C. Escher's art; Jordan Ellenberg describes compressed sensing, a mathematical field that is reshaping the way people use large sets of data; Erica Klarreich reports on the use of algorithms in the job market for doctors; and much, much more. In addition to presenting the year's most memorable writings on mathematics, this must-have anthology includes a foreword by esteemed physicist and mathematician Freeman Dyson. This book belongs on the shelf of anyone interested in where math has taken us--and where it is headed.