

ZMATH 2015b.00084

Pitici, Mircea (ed.)

The best writing on mathematics 2012. With a foreword by David Mumford.

Princeton, NJ: Princeton University Press (ISBN 978-0-691-15655-2/pbk; 978-1-400-84467-8/ebook). xxix, 288 p. (2013).

This is the third installment of M. Pitici's annual collection of articles on mathematics including its history, teaching and philosophy. For the previous two volumes see [Zbl 1221.00020; Zbl 1230.00019]; these reviews also explain the general layout of the anthology. The contributors include three Fields medalists and many well-known mathematicians, but also performing artists-cum-mathematicians. I found all the articles in this compilation very interesting and well worth reading. Among others, the collection contains the following articles: "Is mathematics discovered or invented?" by *W.T. Gowers* (see also [in: Meaning in mathematics. 3–12 (2011; Zbl 1236.00013)]), "Structure and randomness in the prime numbers" by *T. Tao* [<http://terrytao.files.wordpress.com/2009/07/primes1.pdf>], "Dancing mathematics and the mathematics of dance" by *s.-m. belcastro* and *K. Schaffer* (see also [Math. Horiz. 18, No. 3, 16–20 (2011; doi:10.4169/194762111X12954578042939)]), "How to be a good teacher is an undecidable problem" by *E. Flapan* (see also [Coll. Math. J. 42, No. 5, 350–354 (2011; Zbl 1258.00004)]), "The cycloid and Jean Bernoulli" by *G. L. Alexanderson* (see also [Bull. Am. Math. Soc., New Ser. 48, No. 4, 525–530 (2011; Zbl 1228.01011)]), "Was Cantor surprised?" by *F. Q. Gouvêa* (see also [Am. Math. Mon. 118, No. 3, 198–209 (2011; Zbl 1229.03002)]).

Dirk Werner (Berlin)

Classification: A80 E20 A60