What's Happening in the Mathematical Sciences: v. 7

By Dana MacKenzie

American Mathematical Society. Paperback. Book Condition: new. BRAND NEW, What's Happening in the Mathematical Sciences: v. 7, Dana MacKenzie, Since 1993, the AMS has been publishing ""What's Happening in the Mathematical Sciences"", a series of lively and highly readable accounts of the latest developments in mathematics. This seventh volume describes some genuine surprises, such as the recent discovery that coin tosses are inherently unfair; a mathematical theory of invisibility that was soon followed by the creation of a prototype 'invisibility cloak'; and, an ultra-efficient approach to image sensing that led to the development of a single-pixel camera. The past few years have also seen deep results on some classical mathematics problems. For example, this volume describes a proof of the Sato-Tate Conjecture in number theory and a major advance in the Minimal Model Program of algebraic geometry. The computation of the character table of the exceptional Lie group E_8 brings 'the most beautiful structure in mathematics' to public attention, and proves that human persistence is just as important as gigabytes of RAM. The amazing story of the Archimedes Palimpsest shows how the modern tools of high-energy physics uncovered the centuries-old secrets of the mathematical writings of Archimedes. Dana Mackenzie, a...

READ ONLINE
[8.49 MB]

Reviews

I just started off reading this article pdf. Yes, it can be engage in, nonetheless an interesting and amazing literature. I am effortlessly can get a satisfaction of reading a written publication.
-- Peyton Renner IV

Without doubt, this is actually the best job by any publisher. It is writter in basic phrases instead of difficult to understand. You will like the way the author publish this publication.
-- Dr. Marvin Deckow