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The mathematical experience. Study edition. With an introduction by Gian-Carlo Rota. Reprint of the 1995 edition, updated with epilogues by the authors.

Modern Birkhäuser Classics. Berlin: Springer (ISBN 978-0-8176-8294-1/pbk; 978-0-8176-8295-8/ebook). xxv, 500 p. (2012).

This is a reprint of the 1995 edition [Zbl 0837.00001] of a well-known and popular text. In a new edition, each of the authors added a brief essay in the end. Philip J. Davis listed a number of new applications of mathematics (search engines, bioinformatics, computer vision, computational finance, etc.) that have become prominent since the appearance of *The Mathematical Experience*. In the Philosophical Afterword, Reuben Hersh briefly commented on a few famous instances in the last few decades that are directly related to topics in the book. These are Wile's proof of Fermat's last theorem, Perelman's proof of the Poincaré conjecture, wavelets as a generalization of Fourier analysis, fractals as a new kind of non-Euclidean geometry, and random matrices in connection with the Riemann hypothesis. Finally, in the Pedagogical Afterword, Elena Anne Corie Marchisotto commented on the twenty five years of the use of the study edition both in lower and upper division general education courses at California State University Northridge and by the wider audience. A warmly welcomed reprint of a very nice book that can be recommended for teaching, self-education, and simply as an entertaining reading.

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