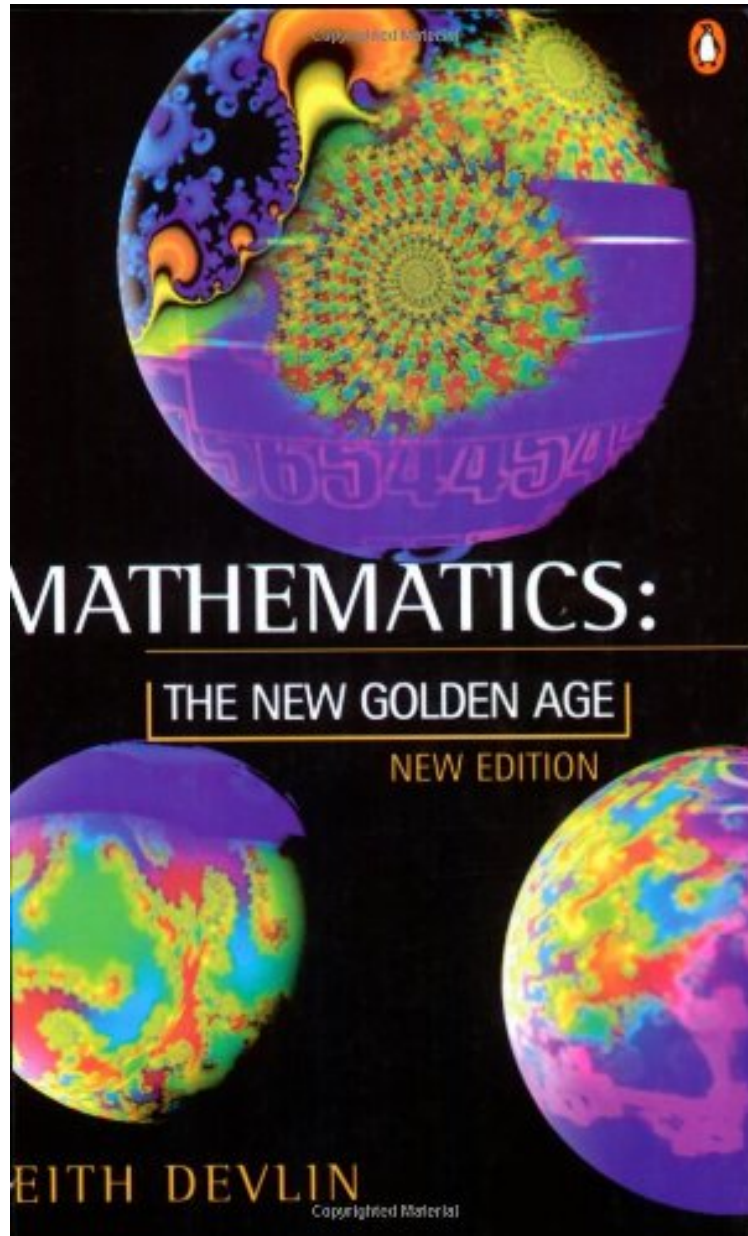


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Mathematics: The New Golden Age (Penguin Science)

Keith Devlin

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3 of 3 people found the following review helpful. A history of the origins of modern math, for laymen. By Tom DoggettProf. Devlin writes with clarity for those of us without a college-level knowledge of Mathematics about the

History of math development. Math as we know it today is really only about a hundred and fifty years old. Prior figures in math history worked largely in isolation on a limited field of knowledge, populated by a few geniuses and gifted amateurs whose correspondence with each other formed the literature on the subject. Some few texts in latin, greek and arabic were too scarce and expensive to reach but a few academics and wealthy people. But the turn of the twentieth century saw an explosion in learning and availability of books on the subject. Since then, Science has advanced with the tools to record and replicate it provided by Mathematics. That is, modern science was made possible by math. Today the advent of computers, and the Axiomatic methods upon which modern math is build, have pushed the subject into areas (such as Topology) that are almost completely new in the 20th century. Prof. (at Stanford) Devlin gives an overview that shows why we are truly in a new Golden Age of Mathematics. Most enjoyable read. 0 of 0 people found the following review helpful. Five Stars By spExcellent book with key Math concepts. 2 of 4 people found the following review helpful. 2 By Giovanni A. Orlando This book is excellent. It speaks about Number Theory, Group Theory, Topology and also the Clay Math problem about NP vs P problem. Are there are Golden Age in Mathematics? ... May be. Devlin show a bridge for us.

In the computerized world of today mathematics has had an impact on almost every aspect of our lives, yet most people believe they cannot hope to understand or enjoy the subject. This comprehensive survey sets out to show just how mistaken they are. Substantially revised and updated, this second edition takes into account recent dramatic developments and includes major new sections on Fermat's Last Theorem, knots and topology, and the mathematics of the physical universe. "Devlin's choice of material is excellent, and he is to be praised for the clarity and accuracy with which he presents it" - Martin Gardner in the New York Review of Books

Excellent.... He presents us with a series of colorful personalities and seminal ideas [and] conveys all of the power, beauty and excitement of mathematics.... Well-written, informative. (Mathematical Association of America (of the first ed.)) A beautiful, rich book. (Guardian (of the first ed.)) Devlin's choice of material is excellent, and he is to be praised for the clarity and accuracy with which he presents it. (Martin Gardner New York of Books (of the first ed.)) Devlin makes the beauty of math apparent, the most esoteric of concepts sing. If more scientists wrote with Devlin's simplicity and feeling, the world would be a much more informed place. (Atlanta Journal-Constitution) About the Author Keith Devlin is the author of nineteen books dealing with themes in mathematics and computing. Since 1983 he has written regular articles on mathematics and computing for the Guardian.