


[DOWNLOAD](#)


## Mathematics and Logic: Retrospect and Prospects

By Mark Kac, Stanislaw M. Ulam

Dover Publications Inc., United States, 1992. Paperback. Book Condition: New. New edition. 203 x 137 mm. Language: English . Brand New Book. What is mathematics? How was it created and who were and are the people creating and practicing it? Can one describe its development and role in the history of scientific thinking and can one predict the future? This book is a thought-provoking attempt to answer such questions and to suggest the scope and depth of the subject. The volume begins with a discussion of problems involving integers in which ideas of infinity appear and proceeds through the evolution of more abstract ideas about numbers and geometrical objects. The authors show how mathematicians came to consider groups of general transformations and then, looking upon the sets of such subjects as spaces, how they attempted to build theories of structures in general. Also considered here are the relations between mathematics and the empirical disciplines, the profound effect of high-speed computers on the scope of mathematical experimentation, and the question of how much mathematical progress depends on invention and how much on discovery. For mathematicians, physicists, or any student of the evolution of mathematical thought, this highly regarded study offers a...



**READ ONLINE**  
[ 3.41 MB ]

### Reviews

*These kinds of publication is the ideal pdf offered. It generally is not going to expense too much. I am just delighted to let you know that this is actually the very best book i have go through inside my very own life and might be he finest ebook for ever.*

-- **Mabelle Schoen**

*Great e book and beneficial one. It is amongst the most awesome pdf i actually have read through. You wont feel monotony at at any time of your own time (that's what catalogs are for relating to if you request me).*

-- **Dorothy Daugherty**