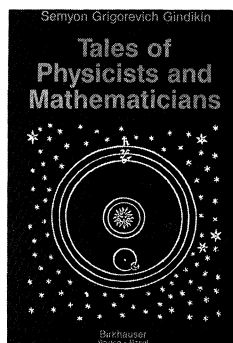


# Birkhäuser Popular Science Books

A selection

New



Semyon G. Gindikin  
**Tales of Physicists and Mathematicians**

176 pages, Hardcover  
ISBN 3-7643-3317-0  
sFr. 48.- / DM 58.-

The author conveys his own sense of the excitement and wonder of these discoveries, using quotes from the writings of the scientists themselves and presenting details of their work in a way that can easily be understood by students. This book will be enjoyable reading for anyone interested in the history of science.

Arthur I. Miller  
**Frontiers of Physics 1900-1911**  
Selected Essays

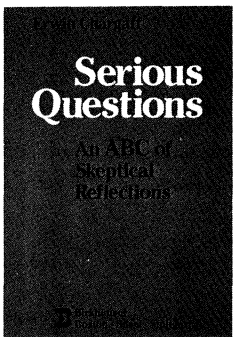
320 pages, Hardcover  
ISBN 3-7643-3203-4  
sFr. 78.- / DM 98.-  
"A Pro Scientia Viva Title"

These selected essays by Arthur I. Miller explore the rich traditions in electrodynamics, electrical engineering, and mathematics on which the physicists of 1905 based their conceptions. The episodes are discussed in light of contemporary philosophical currents, thus making *Frontiers of Physics* a valuable contribution to the history of ideas.

Erwin Chargaff  
**Serious Questions**  
An ABC of Skeptical Reflections

270 pages, Hardcover  
ISBN 3-7643-3337-5  
sFr. 78.- / DM 98.-  
"A Pro Scientia Viva Title"

Each essay is unique. Some are witty and entertaining; others more serious and controversial. All are exciting and compelling. They bring to life the observations and thoughts of a man who has excelled for decades as a scientist and who is now hailed as "one of the wisest and most eloquent essayists now writing in English."  
LEWIS H. LAPHAM

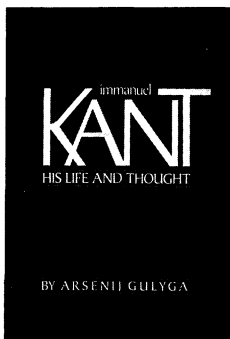


Irving M. Klotz  
**Diamond Dealers and Feather Merchants**

*Tales from the Sciences*

132 pages, Hardcover  
ISBN 3-7643-3303-0  
sFr. 48.- / DM 58.-

"Professor Klotz's name is familiar to all protein chemists, and generations of science students were brought up on his celebrated textbook of chemical thermodynamics. He now reveals himself as a writer of wit, wisdom, and originality in a different genre. This admirable little book will give much pleasure."  
NATURE



Arsenij Gulyga  
**Immanuel Kant**  
*His Life and Thought*

312 pages, Hardcover  
ISBN 3-7643-3195-X  
sFr. 68.- / DM 78.-

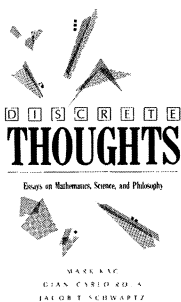
In this biography of Immanuel Kant by Arsenij Gulyga, the reader discovers Kant's inner life, the mind of a great philosopher whose ideas are wondrously alive and whose thoughts delve deeply into the human soul. To read Kant is to be well introduced to the study of philosophy.

Mark Kac  
**Discrete Thoughts**  
*Essays on Mathematics, Science, and Philosophy*

280 pages, Hardcover  
ISBN 3-7643-3285-9  
sFr. 68.- / DM 84.-

"This volume is a collection of short publications that are aimed at a nontechnical audience. They cover a variety of interesting topics: history of mathematics, artificial intelligence, application of mathematics to economics, biography of mathematicians, book reviews, philosophy of mathematics, and problems in mathematical education. The volume makes excellent light reading for mathematicians, computer scientists, and philosophers of mathematics."  
A. M. COYNE

ZENTRALBLATT F. MATHEMATIK UND IHRE GRENZGEBIETE



**Birkhäuser Verlag**  
Basel · Boston · Berlin

Prices are subject to change without notice. 12/88

Please order from your bookseller or  
Birkhäuser Verlag, P.O. Box 133,  
CH-4010 Basel / Switzerland