

Over 1,300 pages of proven math techniques-without the proofs! —Your introduction to the LIBRARY OF SCIENCE

You simply agree to buy three more books at handsome discounts within the next 12 months

With the Scientist's Library of Mathematics, you get quick access to the most precise, dependable mathematic tools without being burdened by the proofs.

Filled with hundreds of applications and worked-out examples, you get three hands-on books covering partial differential equations, calculus, and numerical methods.

PRACTICAL NUMERICAL METHODS Michael C. Kohn, Duke University

Explores the most commonly used numerical methods in science, including the limitations of each technique and the conditions under which each is applicable. It shows you how to identify and apply the most appropriate methods for your needs.

Covers the origin and significance of numerical errors, solution of linear and nonlinear equations, approximation and interpolation, numerical differentiation, solution of ordinary differential equations, statistical methods, and more. 255 pages. Publisher's price: \$34.95

THE CALCULUS TUTORING BOOK Carol and Robert Ash, University of Illinois

An intuitive approach to calculus. Concentrating on geometric and physical reasoning, this book uses a wealth of worked examples to explain the basic material. It covers the derivative, the integral, vectors, topics in three-dimensional analytic geometry, multiple integrals, and more. 534 pages. Publisher's price: \$34.95

SOLUTIONS OF PARTIAL DIFFERENTIAL EQUATIONS Dean G. Duffy, M.I.T.

No theories of equations here. Just step-by-step methods for solving real-world partial differential problems. Filled with hundreds of graphic examples and illustrations, it covers separation of variables, Laplace transformations, Fourier series and integrals, Legendre and Chesbyshev polynomials, conformal mapping, method of characteristics, Duhamel's integral, and more. 542 pages. Publisher's price: \$25.95

2-CK6

## The Library of Science

Riverside, New Jersey 08075

Science News 1/89

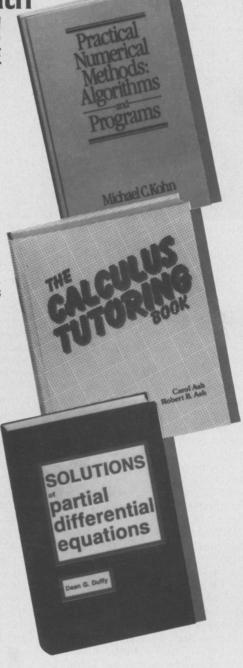
Please accept my application for trial membership and send me the Scientist's Library of Mathematics (00860) billing me only \$3.95, plus shipping and handling. I agree to purchase at least three additional Selections or Alternates over the next 12 months. Savings range up to 30% and occasionally even more. My membership is cancelable any time after I buy these three additional books. A shipping and handling charge is added to all shipments.

No-Risk Guarantee: If I am not satisfied-for any

Name	
Address	Apt
City	
State	Zip

MEMBERSHIP BENEFITS • In addition to membership Benefits In addition to getting the Scientist's Library of Mathematics for only \$3.95 when you join, you keep saving substantially on the books you bux • Also, you will immediately become eligible to participate in our Bonus Book Plan, with savings of 65% off the publishers' prices. • At 3–4 week intervals (16 times per year), you will receive the Library of Science News, describ-ing the coming Main Selection and Alternate Selections, together with a dated reply card.

• If you want the Main Selection, do nothing, and it will be sent to you automatically. • If you prefer another selection, or no book at all, simply indicate your choice on the card and return it by the date specified. • You will have at least 10 days to decide. If, because of late mail delivery of the News, you should receive a book you do not want, we guarantee return postage. postage.



The Library of Science is the nation's oldest and most respected science book club. Dedicated to serving both professionals and serious amateurs, it surveys the entire field of published sources on scientific subjects to make the finest works available to club members at substantial savings.