

Science News Books

1719 N Street, NW, Washington, DC 20036

Please send me _____ copy(ies) of 3-D Star Maps. I include a check payable to Science News Books for \$15.95 plus \$2.00 postage and handling (total \$17.95) for each copy. Domestic orders only.

Name _____ Address ____ City ___ State ___ Zip ___ Daytime Phone # (____) __ (used only for problems with order)

RB1189

3-D Star Maps offers 33 detailed maps grouped according to three categories: bright stars (visible to the naked eye), near stars (closer than bright stars, yet visible only with a telescope) and galaxies (massive star groupings too distant to detect without a telescope). Each map is shown in 3-D with details identified in an adjacent black-and-white map. The book includes two pairs of viewing glasses and an introductory section describing the life and death of stars, their constituents and classifications, and how astronomers measure their distances in space.

Harper & Row, 1989, 11" x 8½", 96 pages, hardcover, \$15.95

The American Medical Association

Encyclopedia of Medicine

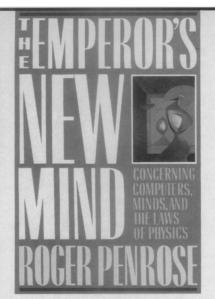
Random House, 1989, 1,184 pages, 10½" x 8", hardcover, \$39.95 | ISBN 0-394-56528-2

	reet, NW, Washington, DC 20036	
Medicine \$39.95 plu	nd copy(ies) of The AMA End . I include a check payable to Science N is \$2.00 postage and handling (total \$ iestic orders only.	News Books for
Name		
Address _		
City		
State	Zip	
	(used only for problems with order)	

The American Medical Association Encyclopedia of Medicine proves itself the definitive source of knowledge and reassurance for every American home. In short, it is a medical information powerhouse, written in jargon-free language by a special team of medical writers, presented in an exceptionally usable A-to-Z format—the most thorough and up-to-the-minute medical reference text yet prepared for the general American public, as well as for libraries and schools.

The broad scope of *The AMA Encyclopedia of Medicine* encompasses:

- Over 5,000 entries with 2,200 illustrations
- Medical terms alphabetically arranged and defined in clear, easy-to-understand language
- Listings of 2,200 common and uncommon disorders, diseases, conditions and cures; over 300 symptoms; 2,500 drugs in generic, brand-name and major groupings; 600 tests, procedures and surgical operations
- \bullet Illustrated features on the anatomy of the body's organs and systems
- Four-color introductory section, offering an overview of the latest advances in diagnosis, healing and curing
- Anatomically correct drawings, X-rays, specialists' photographs and charts, diagrams and scans
- Extensive cross-referencing within articles to their main entries, see alsos for further information, and "signpost" articles to give overviews of certain subjects
- General index to main entries, sub-entries and illustrations. from the publisher



Eminent physicist Penrose puts forward his view that there are some facets of human thinking that can never be emulated by a machine. Although the book ranges widely over relativity theory, quantum mechanics, and cosmology, its central concern is what philosophers call the 'mind-body problem.' He examines what physics and mathematics can tell us about how the mind works, what they can't and what we need to know to understand the physical processes of consciousness. In particular, he argues that there is an important gap in our knowledge at the place where classical and quantum physics meet. Penrose takes the reader on a dazzling tour that covers such topics as complex numbers, Turing machines, complexity theory, quantum mechanics, Gödel undecidability, phase space, Hilbert space, black holes, white holes, Hawking radiation, entropy, quasicrystals, the structure of the brain, and scores of other subjects. Penrose's illuminating (and sometimes amusing) drawings highlight his discussions throughout. —from the publisher

Oxford, 1989, 466 pages, 91/2" x 6 1/4", hardcover, \$24.95

"The Emperor's New Mind ranks among the most innovative and exciting science books to have been published in the last 40 years. Reading it is no romp (owing to the inherent rigor of the subject matter, not any fault of the author's), but those who take the trouble to master it will be rewarded with a new perspective on the scientific landscape, and a visionary glimpse of the possible future of science."

-Timothy Ferris, New York Times Book Review

Science News Books 1719 N Street, NW Washington, DC 20036		Emperor
include a check payable	copy(ies) of <i>The Emperor's</i> to Science News Books for ing (total \$26.95) for each co	or \$24.95 plus
Name		
Address		
City		
State	Zip	
Daytime Phone # (nly for problems with order)	RB1190



Save yourself a lot of trouble.

Put your planimeter, ruler, and calculator away. Use SigmaScan™ instead.

With SigmaScan, it takes only seconds to measure angles, areas, lengths, perimeters, slopes, and points and analyze

the data on your own IBM PC or compatible. Each measurement is organized in a worksheet the way you want it, with the units you specify. You can even transform data based on your equations, and store data in standard ASCII files for use in other programs. SigmaScan, it takes the trouble out of 2D measurement.

For free brochure, call **800-874-1888** (415-924-8640 in CA and Canada).



Jandel

65 Koch Road, Corte Madera, CA 94925 800-874-1888, In CA 415-924-8640 FAX 415-924-2850

In Europe: R.J.A. Handels GmbH, Germany Phone 2101/666268 Fax: 2101/64321