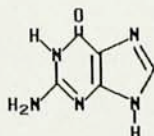


How are you currently producing your scientific documents? Are you using a 'golf ball' style type-writer? A regular word processor, hand lettering the special symbols? Are you fighting against a 'what-you-see-is-definitely-not-what-you-get' system with a special command language? Or are you using one of our competitors' overpriced and inflexible products? Find out how ChiWriter can solve your scientific word processing problems.

$$\frac{1}{\sqrt{2\pi}} \int_{-\infty}^{\infty} e^{-\frac{(x-\mu)^2}{2}} dx$$



From an actual ChiWriter screen display

Powerful Scientific/Multifont Word Processing at a Reasonable Price.

ChiWriter is a complete word processor, designed especially for typing scientific and foreign language text. Its features include: automatic pagination, variable headers and footers, footnotes, two text windows and intuitive formula editing commands. Best of all, ChiWriter is completely 'what-you-see-is-what-you-get.' Even entering complicated formulas is easy because the screen display corresponds exactly to the printout.

ChiWriter runs on IBM PC's with CGA graphics, one disk drive, 256K memory and Epson/IBM Graphics compatible and other 9 pin printers. Support disks with drivers and high resolution fonts for other graphics boards and printers are available.

'ChiWriter is a nifty product with a price I defy you to beat and performance I defy you to snub . . . I know of several \$500 programs that will do the job, but for the same money you could buy ChiWriter and a vacation.'

Phil Wiswell, PC Magazine

- | | |
|---|---------|
| ☐ ChiWriter Program | \$99.95 |
| ☐ Hi Res Screen Support | \$24.95 |
| ☐ Hercules, EGA, VGA, AT&T/Olivetti, Toshiba | |
| ☐ 24 Pin Printer Support | \$24.95 |
| ☐ Laser Printer Support | \$59.95 |
| ☐ HP Laser Jet, Postscript | |
| ☐ Chemistry Font Set | \$49.95 |
| ☐ International Keyboard Support | \$19.95 |
| ☐ WordPerfect Converter | \$49.95 |
| ☐ Brochure | |
| ☐ Shipping & handling | \$_____ |
| \$5 U.S. & Canada, \$10 Europe, \$15 elsewhere | |

Name _____
 Address _____
 City _____ State _____ Zip _____
 Country _____
 Phone (____) _____
 Payment by: ☐ Check ☐ PO ☐ VISA ☐ MC
 Card # _____ Exp _____/_____
 PS

Horstmann Software Design Corporation
 140 E. San Carlos Street, Suite #200
 P.O. Box 5039, San Jose, CA 95150
 (408) 298-0828



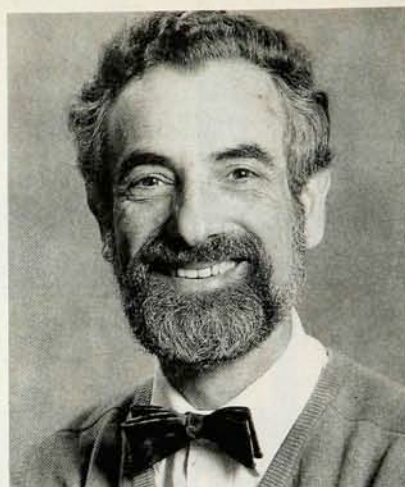
horstmann software

In 1967 he became a research fellow at Caltech and the Mount Wilson and Palomar Observatories. He went to the University of Texas in 1969 as a faculty associate, and advanced to associate professor in 1970 and full professor in 1974. Lambert has held the Isabel McCutcheon Harte Centennial Chair in Astronomy since 1987.

LIEB RECEIVES BIRKHOFF AWARD

The American Mathematical Society and the Society for Industrial and Applied Mathematics in January presented the 1988 George David Birkhoff Prize to Elliott Lieb (Princeton University). The prize is awarded every five years for outstanding contributions to "applied mathematics in the highest and broadest sense."

Lieb was cited for his "profound analysis of problems arising in mathematical physics. . . [His] influence on mathematical physics . . . has reached so far because it has remained so deep." In work on nonlinear differential equations and on the classical inequalities of analysis he has focused on a wide variety of topics, including the application of the Schrödinger equation to slowly decaying Coulomb potentials, the theory of liquid crystals, harmonic maps, the Thomas-Fermi problem and the Ising model. In accepting the award, Lieb noted that "good mathematical



Elliott Lieb

physics can aspire to be both good mathematics and good physics, and both fields can benefit from the interaction."

Lieb received his BSc from MIT in 1953 and his PhD in mathematical physics from the University of Birmingham in 1956. From 1960 to 1963 he was a staff physicist at IBM (Yorktown Heights, New York). He was an associate professor of physics at Yeshiva University (1963-66), a professor of physics at Northeastern University (1966-68) and a professor of mathematics at MIT (1968-75). Lieb has been a professor of mathematics and physics at Princeton since 1975.

IN BRIEF

Frank Galeener, formerly at Xerox (Palo Alto, California), has become a professor of physics at Colorado State University. **R. Mark Bradley** and **Richard Eykholt** have joined the physics department there as assistant professors.

A. D. Callihan, an administrative judge with the US Nuclear Regulatory Commission, received the 1987 Meritorious Service Award of the American National Standards Institute for "exceptional leadership at all levels of voluntary standardization in the nuclear field."

Michael Skrutskie and **Stephen Schneider** have joined the Five College Astronomy Program as assistant professors in the physics and astronomy department at the University of Massachusetts, Amherst.

Don L. Anderson, who has directed Caltech's Seismological Laboratory since 1967, has been awarded the Gold Medal of the Royal Astronomical Society of Great Britain for his seismological studies of the structure and physical parameters of the Earth's deep interior.

OBITUARIES

John A. Thornton

John A. Thornton died on 10 November 1987 at his home in Champaign, Illinois. A first-rate scientist, he was well known internationally in areas ranging from plasma physics to magnetron sputtering to thin film physics.

In addition, he was a highly visible and extremely active member of a variety of scientific organizations, including the American Vacuum Society (which he served as president in 1982) and The American Physical Society.

Thornton was born 3 January 1933