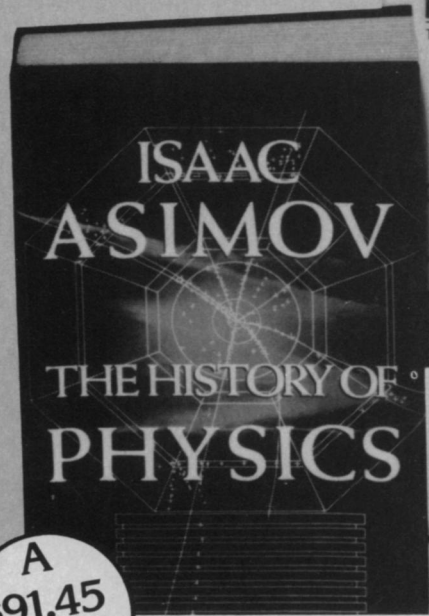


Take the 3-volume PHYSICS LIBRARY for only \$295 when you join The Library of Science

You simply agree to buy 3 more books—
at handsome discounts—
in the next 12 months.



A
\$91.45
value!

Expect the unexpected with the Physics Library—a 3-volume set detailing major breakthroughs in our understanding of the universe on a macro and micro scale.

1. **THE HISTORY OF PHYSICS**, by Isaac Asimov, is a new, updated edition. It is extensively illustrated, with over 800 pages. A panoramic, chronological survey of the basic principles of physics, from Galileo to modern times. Publisher's Price: \$29.95.

MATHEMATICAL METHODS FOR PHYSICISTS

THIRD EDITION

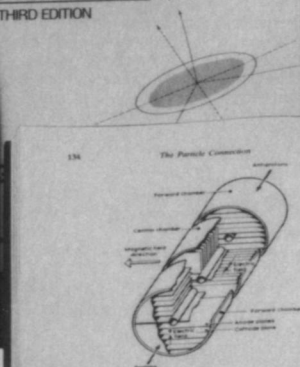


Figure 10. The central detector of CERN contains six sections, each with plates of wire strung horizontally. In the forward chambers the wires form horizontal planes, in the drift chamber there is a vertical. In the central chamber, the wire planes are vertical, and the electric field is horizontal. However, in all the chambers the electric field is perpendicular to the magnetic field.

Figure 11. A computer graphic display shows the complete picture of tracks left by particles as they do through CERN's central detector. Each picture represents a collection of the same type (Photo: CERN, Geneva, Switzerland, 1978).

2. **MATHEMATICAL METHODS FOR PHYSICISTS**, by George Arfken, has served for 15 years as a first-rate introduction to the mathematical foundations of physics. This newly revised Third Edition reflects the demands of current topics in theoretical physics, as in the new sections on noncartesian tensors and Hilbert operators. Expanded to more than 1000 pages, this work is filled with accessible, authoritative information on a vast range of mathematical applications. Publisher's Price: \$44.55.

THE PARTICLE CONNECTION

THE MOST EXCITING
SCIENTIFIC CHASE SINCE
DNA AND THE DOUBLE HELIX



Figure 11. A computer graphic display shows the complete picture of tracks left by particles as they do through CERN's central detector. Each picture represents a collection of the same type (Photo: CERN, Geneva, Switzerland, 1978).

3. In **THE PARTICLE CONNECTION**, physicist Christine Sutton recounts, first-hand, the search for the W particle. Dr. Carlo Rubbia and Simon van der Meer won the 1984 Nobel Prize in Physics for their experiments that led to the discovery of these subatomic particles—a breakthrough that will forever change science. Sutton worked with these scientists, and what she reports is the nitty-gritty of experimental particle physics. Publisher's Price: \$16.95.

About the Club . . .

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

Membership Benefits

In addition to getting the Physics Library for only \$2.95 when you join, you keep saving substantially on the books you buy. • Also, you will immediately become eligible to participate in our Bonus Book Plan, with savings of up to 70% off the publishers' prices. • At 3-4 week intervals (16 times per year), you will receive the Library of Science News, describing 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.

The Library of Science Riverside, New Jersey 08075

Please accept my application for trial membership and send me the Physics Library (00672) billing me only \$2.95, 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 reason—I may return the Physics Library within 10 days. My membership will be canceled, and I will owe nothing.

Name _____
 Name of Firm _____
 (If you want subscription sent to your office)
 Address _____ Apt. _____
 City _____
 State _____ Zip _____

(Books purchased for professional purposes are a tax-deductible expense. Offer good in Continental U.S. and Canada only. Prices slightly higher in Canada.)

Science News 1/11/86

2-BK5