

15¢

\$5.50 A YEAR

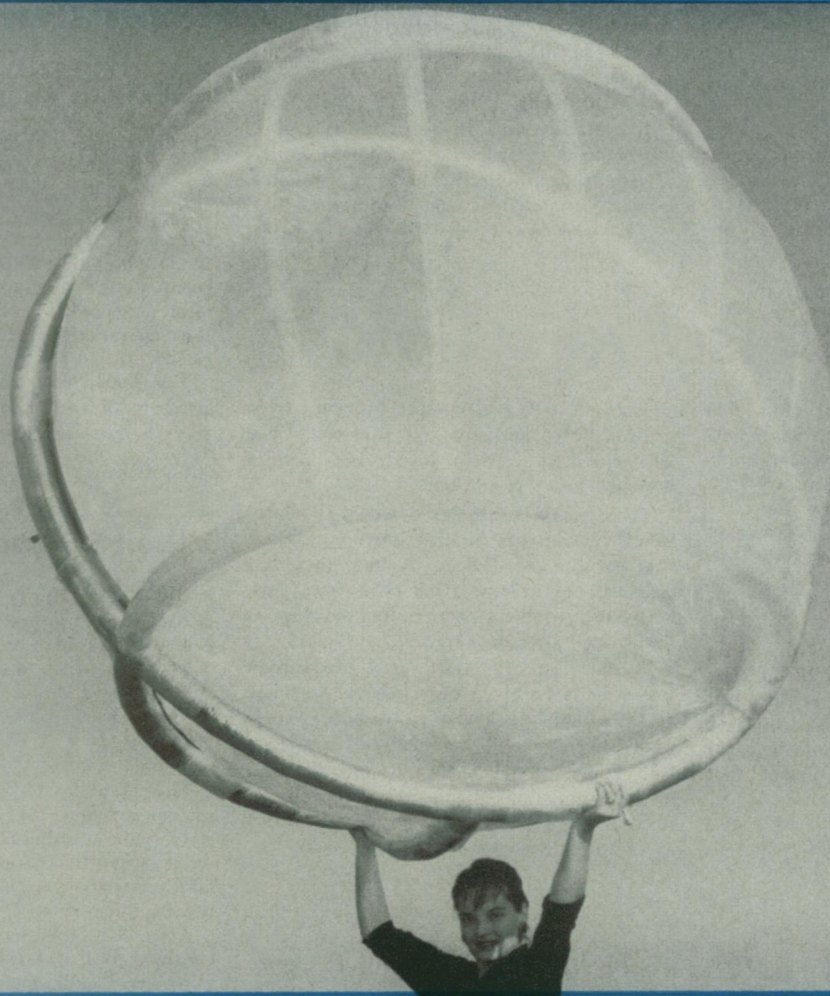
February 18, 1961

VOL 79, NO 7 PAGES 97-112

SCIENCE NEWS LETTER

®

THE WEEKLY SUMMARY OF CURRENT SCIENCE



Unfurled Space Sphere

See Page 104

A SCIENCE SERVICE PUBLICATION

SAVE OVER \$3 ON THIS BRAND-NEW EDITION

Every Essential Term in Physics and Electronics—15,000 of Them

—NOW IN ONE GIANT DICTIONARY!

BRAND-NEW 2nd EDITION — *Bigger, More Useful than Ever!* Famous ONE-SOURCE reference book expanded to 1,400 pages — covers major new fields; presents latest ideas, discoveries in 17 basic areas! New multi-lingual indexes.

NOW completely revised and expanded, *The International Dictionary of Physics and Electronics* is the only book available that defines and explains every important term in 16 basic and many new fields of modern physics and electronics.

More than 15,000 laws, relationships, equations, basic principles, instruments, and techniques are described in over half a million words. It takes the place of a whole library of reference books on: Electronics • Meteorology • Mechanics • Gases • Liquids • Solids • Acoustics • Optics • Units and Dimensions • General Principles • Heat and Thermodynamics • Atomic and Nuclear Physics • Mathematical Physics • Quantum Mechanics • Electricity • Relativity.

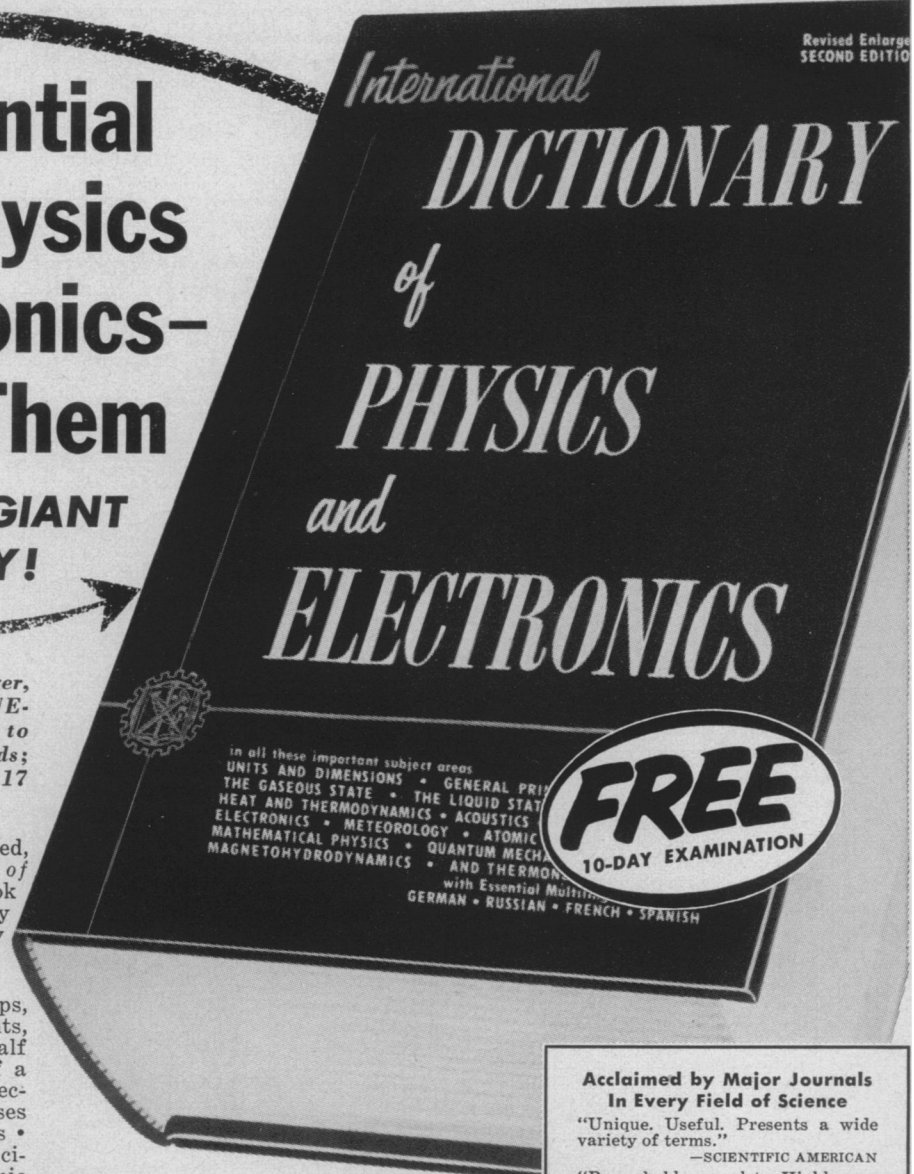
Coverage of all of these fields has been brought completely up-to-date. In addition, there is NEW MATERIAL on new developments in thermonuclear research and magnetohydrodynamics . . . space physics . . . astrophysics. IRE definitions in networks, computers, etc. New review of physics: great developments from Newton to non-conservation of parity and strange particles.

Arranged to Give You Any Information in Seconds

No more hunting from book to book — no more guesswork, wasted time or effort. Here's everything you need in one 1,400-page easy-to-use reference volume. Articles are arranged progressively — begin with concise definition and add details in later paragraphs. Unique cross-reference system lets you find any fact fast: bold-face "word signals" refer you to related articles. And newly-added 4-language index — Russian, German, French, Spanish — lists all terms with English equivalents.

Special Money-Saving Offer

This authoritative book is a monumental publishing achievement — 1,400 pages, 15,000 terms; bound and manufactured for a lifetime of use. After May 30 it will be priced at \$27.85.



Until that time, however, the publishers are making a direct-to-reader offer of only \$24.75 (payable in installments) a saving of \$3.10. To take advantage of this \$3.10 saving you need send no money now — only certificate below. Book will be sent to you for FREE 10-DAY EXAMINATION.

Use this enormous Dictionary to recheck work, clarify data, catch up with new ideas, developments. See how it can repay its cost many times over in just one avoided error. If not convinced that it will be one of your most valuable books return it and pay nothing. (Cost of book is tax deductible if used in your work.) Mail no-risk certificate now to: **D. Van Nostrand Company, Inc., Dept. 262, 120 Alexander St., Princeton, N.J. (Estab. 1848)**

Acclaimed by Major Journals In Every Field of Science

"Unique. Useful. Presents a wide variety of terms."

—SCIENTIFIC AMERICAN

"Remarkably complete. Highly useful. Provides definite and concise answers to a myriad of questions."

—PHYSICS TODAY

"Will undoubtedly make a well-deserved place for itself."

—SCIENCE

"There has been a real need for such a work."

—ELECTRONICS

"Recommended for all that do any reference work in physics."

—LIBRARY JOURNAL

"Unique in its field and exceptionally clear in its typography. It should prove a most useful reference."

—NUCLEONICS

"The best book of definitions available on the market today. Highly recommended."

—TELE-TECH

SEND NOW — SAVE OVER \$3

**D. Van Nostrand Company, Inc.
Dept. 262, 120 Alexander St.,
Princeton, N.J.**

Please send me the brand-new 2nd Edition of *The International Dictionary of Physics and Electronics*. If not delighted, I'll return it within 10 days and owe nothing. Otherwise, I'll remit \$9.75 plus small shipping cost then and \$5 a month for 3 months.

Name.....
(please print)

Address.....

City.....Zone.....State.....

Check Here and SAVE! Enclose full payment (\$24.75) with this certificate and all shipping costs will be prepaid. Money-back guarantee. (In Canada: 25 Hollinger Rd., Toronto 16. Price slightly higher.) Foreign and A.P.O.—please enclose \$24.75 with certificate.