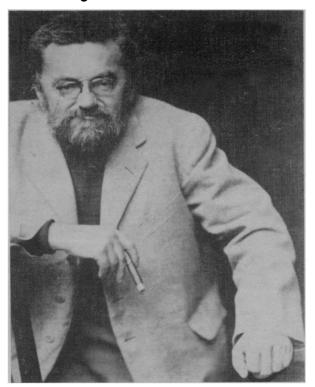
A major event in modern science, captured in . . .



FOUR LECTURES RELATIVITY & SPACE

Charles Proteus Steinmetz

Imagine being present when Huxley delivered his lectures on Darwinism . . . when Faraday spoke on the chemical history of a candle to the Royal Institute . . . when Lorentz lectured at the University of California! These were all great events, moments when a great mind was called upon to communicate its understanding, in simple terms, of a crucial topic of modern science.

Another great event-Steinmetz's lectures.

In 1922, one of the great mathematicians of the century (possibly of all time), Charles Proteus Steinmetz, lectured to the Pittsfield section of the AIEE on Einstein's relativity. At the time, the common saying was that only seven men in the world understood relativity, and Einstein wasn't one of them. Steinmetz,

His non-technical lectures were an outstanding success. Steinmetz proved to be not only an original thinker of power and impact, but an expositor of great ability. Even today, his clear and precise explanations, his skillful use of non-technical analogies, and his straightforward language remain unique.

No matter what your own level of scientific understanding is, you will profit from this book. It is easily one of the most readable elementary accounts of the most important conceptual development in modern science that you are likely to find. As for more experienced readers, these verbal explanations of mathematical topics are invaluable for helping to reformulate your ideas in

Unabridged reprint. 33 figures. x + 142pp.

Summer Reading . . . Summer Learning, With Dover Books!

1708. THE ORIGIN OF CONTINENTS & OCEANS, Alfred Wegener. Was Wegener right? Were all the continents once a single land mass that split between Africa and S. America, Europe and N. America? New translation of the last German edition. 63 ills. x + 246pp. \$2.00

ESSENTIAL ENGLISH GRAMMAR, Philip Gucker. Summer's the time to brush up on the grammar you've forgotten or that you never really learned. Clear, step-by-step. x + 177pp. \$1.00

380. BASIC THEORY & APPLICATION OF TRANSISTORS, U.S. Army Manual. One of the finest introductions available anywhere. 240 diagrams. Glossary. 263pp. 6½ x 9¼. \$1.25

1782. THE JAPANESE FAIRY BOOK, Y. Ozaki. A basic popular collection; 22 charming tales of-fer a welcome change to young readers and lis-teners, 66 ills. xii + 296pp. \$1.50

1816. THE EARLY WORK OF AUBREY BEARDSLEY. 157 full-page plates brilliantly reveal the strange genius of one of the most influential graphic artists of our time, the apex of art nouveau. "Salome" drawings included. 2 color plates. xii + 175pp. 81/8 x 11. \$2.50

1817. THE LATER WORK OF AUBREY BEARDSLEY. "Lysistrata" drawings, illustrations from the famous Yellow Book magazine—in all, from the famous Yellow BOOK Hagazine ... _____ 174 full-page plates, 2 in color. xiv + 174pp. 81/8 \$2.50

1765. DRAGONS OF THE AIR, H. G. Seeley. Comprehensive study of evolution, anatomy, digestion, respiration, disappearance of extinct flying reptiles. A classic of popular paleontology. 80 ills. xxiii + 239pp. \$1.75

1680. PLANETS, STARS & GALAXIES: Descriptive Astronomy for Beginners, A. E. Fanning. Revised through 1966 developments! A world of information for non-technical readers. 24pp. of photos. 189pp. \$1.50

1678. THE WILD FLOWERS OF CALI-FORNIA, M. E. Parsons. 251 full-page drawings, plus full descriptions of 666 species. Easiest-to-use arrangement—by color and season. xvi +

1655. TEACH YOURSELF GENETICS, R. J. Berry. Thorough, accurate, up to date (1965): cell division, sex, cytoplasmic inheritance, mutation, chemistry of the gene, evolution, radiation genetics—all non-technical. Glossary. 164pp. 4½ x 7. Cloth \$2.00

1657. TEACH YOURSELF PHYSICS, W. Railston. No math beyond simple algebra is needed for this self-contained survey of heat, light, sound. 74 figs. 202pp. 4½ x 7.

Cloth \$2.00

1832. TEACH YOURSELF CHESS, Gerald Abrahams. One of the finest self-teachers we have seen for those who have always meant to learn. 147 diagrams. 256pp. 4¼ x 7.

Cloth \$2.00 1835. TEACH YOURSELF GUIDEBOOK TO WESTERN THOUGHT, E. L. Allen. Ideas and teachings, brilliantly explained, of Plato, Aristotle. Aquinas, Luther, Descartes, Kant, Rousseau, Marx, Nietzsche are the basis of this study. 254pp. 41/4 x 7. Cloth \$2.00

1836. TEACH YOURSELF LOGIC, A. A. Luce. Can actually be read through and fully understood by readers with no formal background! Syllogism, reasoning, even symbolic logic. x + 267pp. 4½ x 7. Cloth **\$2.00**

1753. ELECTRIC, & MAGNETIC FIELDS, S. S. Attwood. Fundamental concepts, terminology, methods of solution of problems arising in the study of electric and magnetic fields. 252 figs. xi + 475pp. \$3.00

1744. COMBINATIONS: The Heart of Chess, I. Chernev. Master the intricacies of playing combinations and by summer's end your game will be much improved. Examples from master play. 356 diagrams. ix + 245 pp. \$1.85

1530. VISUAL ILLUSIONS: Causes, Characteristics, Uses, M. Luckiesh. 100 eye-opening illustrations accompany full text explaining how eyes cna be fooled. xxi + 252pp. \$1.50

1617-23. THE BIRDS OF AMERICA, John J. Audubon. The plates have always been available, but this is the first reprinting since 1871 of the

text-a classic, detailed ornithology of early text—a classic, detailed ornithology of early America. 500 species covered (16pp. on wild turkey, 6 on the whooping crane, 13 on canvasback, etc.), with the largest collection of data ever assembled. Immensely readable, too! 500 full-page plates in black and white. xcvi + 2,183pp. seven volumes \$17.50

1768. GREAT IDEAS IN THE HISTORY OF SURGERY, L. Zimmerman, I. Veith. Excerpts from a 5,000 year-old Egyptian medical book and from major writings on surgery to early modern times, plus 118 remarkable illustrations make this a memorable chronicle. Biographies, other backgrounds. xii + 587pp. 6½ x 9¼. \$3.00

1687. CHOPIN: The Man and His Music, J. Huneker. Delightfully written and very helpful to all music lovers. xiii + 239pp. \$1.75

1531. BEST SCIENCE FICTION STORIES OF 1531. BEST SCIENCE FICTION STURIES OF H. G. WELLS. Selected from the master's wast body of works: 17 classic tales, plus the full novel The Invisible Man. First ed. texts. vi + 303pp. \$1.75

Dept. 583, Dover Publications, Inc., 180 Varick Street, New York, N.Y. 10014
Please send me:
Steinmetz, LECTURES \$1.35
I have enclosed S in full payment. Only public institutions may be billed. Please add 15¢ per book on orders less than \$6, for
postage and handling. N.Y. City residents, please add 5% sales tax; other N.Y. State residents, 2%. Please print Name
Address
City & State Zip Guarantee: All Dover books returnable within 10 days if you are dissatisfied. Full, cash refund; no questions.

608 Science News / Vol. 91 / 24 June 1967