

Technology Review, November 1961

Extracted on Apr-18-2024 10:38:59

The Smithsonian Institution thanks all digital volunteers that transcribed and reviewed this material. Your work enriches Smithsonian collections, making them available to anyone with an interest in using them.

The Smithsonian Institution (the "Smithsonian") provides the content on this website (transcription.si.edu), other Smithsonian websites, and third-party sites on which it maintains a presence ("SI Websites") in support of its mission for the "increase and diffusion of knowledge." The Smithsonian invites visitors to use its online content for personal, educational and other non-commercial purposes. By using this website, you accept and agree to abide by the following terms.

- If sharing the material in personal and educational contexts, please cite the Smithsonian National Air and Space
 Museum Archives as source of the content and the project title as provided at the top of the document. Include
 the accession number or collection name; when possible, link to the Smithsonian National Air and Space
 Museum Archives website.
- If you wish to use this material in a for-profit publication, exhibition, or online project, please contact Smithsonian National Air and Space Museum Archives or transcribe@si.edu

For more information on this project and related material, contact the Smithsonian National Air and Space Museum Archives. See this project and other collections in the Smithsonian Transcription Center.

Books (Concluded from page 62)

Have You Seen These?

RECENT BOOKS likely to be of especial interest to M.I.T. Alumni

Arms Control, Disarmament, and National Security, edited by Donald G. Brennan, '55, with the sponsorship of the American Academy of Arts and Sciences (Braziller, \$6).

The Collected Works of Irvin Langmuir, with an Honorary Editorial Advisory Board including William D. Coolidge, '96, and Horace R. Byers, '32 (Pergamon Press, 12 volumes, \$150).

The Future Metropolis, edited by Professor Lloyd Rodwin of M.I.T., with contributions by Professors Gyorgy Kepes, Kevin A. Lynch, '47, Martin Meyerson, and others (Braziller, \$5).

A History of Metallography, by Cyril Stanley Smith, '26, newly appointed Institute Professor at M.I.T. (University of Chicago Press, \$8.50).

Miniaturization, edited by H. D. Gilbert, with a concluding chapter, "There's Plenty of Room at the Bottom," by Richard P. Feynman, '39-an article that attracted great attention when published in the May, 1960. issue of The Technology Review-(Reinhold, \$10).

Plasmas and Controlled Fusion, by David J. Rose, '50, Professor of Nuclear Engineering, and Melville Clark, Jr., '43, Associate Professor of Nuclear Engineering (The M.I.T. Press and John Wiley & Sons, Inc., \$10.75).

MAN'S VIEW OF THE UNIVERSE, by R.A. Lyttleton; Atlantic-Little, Brown (\$3.95). Reviewed by Martin Mann, '41, Senior Editor, Popular Science Monthly, and author of several science books for laymen.

This little book is a collection of concise, encyclopedia-like chapters. You can breeze though it in an evening and collect the high points of modern knowledge of the heavenly bodies. Or you can browse for material that is new or intriguing—the chapters are independent enough to be enjoyed whether you have read the previous pages or not.

The organization is logical. Lyttleton starts with the earth, describing its structure and the way it may have been created. He then duplicates this formula as he moves out from the earth to the moon, planets, sun, comets, stars, galaxies, and entire universe.

The two chapters on comets may be the most interesting. Not many readers will realize that there are more of them than of any other celestial object in the universe (250,000 comets for every star). There is also plenty of "gee-whiz": the incomprehensible vastness of space (light, traveling six million million miles in a year requires four and a half years to reach us from the star nearest to the sun), and the equally incomprehensible emptiness of space (a dense cloud of interstellar gas

Beeks

(Cottcheded from page 62)

Have You Seen These?

RECENT SOME REAL TO be of especial interest to M.I.T. Alemei Include:

36.1.1. Alternal Include: Aron Controls, Distributions, and National Societies, edited by Donald G. Benninn, '25, with the opotnor-ship of the American Academy of Arts and Sciences (Brazilles, 86).

(Basile, 86). The Collected Works of Proog Languair, with an Honorary Educated Advisory Basel including William D. Cooking, '98, and Branca E. Boter, '12 (Perginon Paus, 12 witness, 5150). The Father Metocokin, edited by Professor Lloyd Kodwin of M.I.T., with austributions by Professor Coyang Kopes, Kevin A. Lynch, '47, Marka Meyor son, and others (Basiler, 85).

xm. and others (Bioseller, 25).
A Minory of Metallasquier, by Cyrll Statley, Statley, Statley, The revery appointed Institute Professor at MLT. (Distriction) of Chenge Press, 28,500.
Metallerination, edited by H. D. Olbbert, with a concluding object., "There's Pleasy of Room at the Benne," by Railand P. Peyrman, "30—an article that selected print stantion when probleded in the May, 1960, time of The Technology Raynes—(Reinhold, 1910).

Figure and Controlled Fance, by Dated J. Rose, St. Professor of Nuclear Engineering, and Michiella Clark, Ir., '45, Associate Professor of Nuclear Engi-neering (The MLT. Press and John Wiley & Son, Inc., \$10,75).

MANS VIEW OF THE UNIVERSE, by R. A. LIM ton Atlanto-Little, Streen (\$3.95). Reviewed by M. Sin Mass. '47. Sense Editor, Popular Science Month

disting chapters. You can brance through it m: evening and colour the high points of modern from region of the harvesty hodies. Or you con braves it asserted that is new or intriguing—the chapters is asserted that is new or intriguing—the chapters in

milevest that is now or intriguing—the stapeon in independent recognities be expeed attention you has read the previous juages or not.

The expectations is legical. Lordeless starts with in-seath, describing its structure and the way it may los-bed around. He then displaces the faceasis as la-motion out from the other to the moon, planets, was counted, starts, guiltakes, and native survenee.

The two displaces on counts may be the exost inte-cring. Not many readers will outlier that there are more of farm than of any other ordered object is the naver of farm than of any other ordered object is the naver of arm than of any other ordered object is the naver of of "pre-wher" the incomprehensible can-nois of space (light, traveling on million radius selso in a year, regulate, form and a half years to reach as from the star navers to the such, and the equally is comprehensible emptions of space is a force cloud if comprehensible responses of space (a drove cloud a investibler gas contains 3,000 hydrogen atoms po

othe continues, a dansity of 30° grams per ca.).

While beenly is to be applicated this book is a poragon of this vietne—a door have disturbanks. Desired to secretly flushed the develops are up and assist, the phenographs basistical hos restrict.



contains 1,000 hydrogen atoms per cubic centimeter, a density of 10[^]-21 grams per cc.).

While brevity is to be applauded—this book is a paragon of that virtue—it does have drawbacks. Detail is severely limited. The drawings are apt and useful, the photographs beautiful but routine.

[[advertisement]]
CLEAN DUSTLESS DRILLING OF HOLES IN REINFORCED
CONCRETE
Without Using Water!
with "WYR-LÖK" BITS and CONDECO DRILLING MACHINES

[[image]] "WYR-LOK" REMOVABLE HEAD CARBIDE CORE BITS

[[image]]
[[captions]]
C-R-R-R-U-N-C-H
WYR-LOK
WHAT REINFORCING RODS?
[[/captions]]

You'll save up to 66% in original bit costs, more than 33% in replacement costs, and get more footage, too, with "WYR-LOK" carbidetipped core bits. Tests prove them far more efficient than conventional diamond core bits – and YOU CAN DRILL DRY. Cutting heads are replaceable without removing bit from machine. Easy to sharpen on the job. Available in standard lengths. From 2" to 6" in diameter; larger diameters on request. DRILL FASTER! COST LESS!

CONDECO PORTABLE DRILLING MACHINES
ONE-MAN OPERATED! FOR WET OR DRY DUSTLESS CONCRETE
DRILLING!
Condeco Drilling Machines are rugged, powerful units that will easily drill
through any type manager including rainforced concrete. Designed and

through any type masonry including reinforced concrete. Designed and Engineered for use with "WYR-LOK" Bits, they will save you time and money on every drilling job.

Available in several models for horizontal or vertical drilling of holes from 2" to 14" diameter. Drilling is done dry using vacuum or wet. Easily portable to the job – they are one man operated.

[[image - photograph of drilling rig]]

BERNARD L. CHAPIN President Class of 1923

CONDECO DIVISION OF NEW ENGLAND CARBIDE TOOL COMPANY 55 Commercial Street . Medford 55, Mass. [[/advertisement]] Technology Review, November 1961 Transcribed and Reviewed by Digital Volunteers Extracted Apr-18-2024 10:38:59



Smithsonian Institution

Smithsonian National Air and Space Museum Archives

The mission of the Smithsonian is the increase and diffusion of knowledge - shaping the future by preserving our heritage, discovering new knowledge, and sharing our resources with the world. Founded in 1846, the Smithsonian is the world's largest museum and research complex, consisting of 19 museums and galleries, the National Zoological Park, and nine research facilities. Become an active part of our mission through the Transcription Center. Together, we are discovering secrets hidden deep inside our collections that illuminate our history and our world.

Join us!

The Transcription Center: https://transcription.si.edu
On Facebook: https://www.facebook.com/SmithsonianTranscriptionCenter

On Twitter: @TranscribeSI

Connect with the Smithsonian Smithsonian Institution: www.si.edu

On Facebook: https://www.facebook.com/Smithsonian

On Twitter: @smithsonian