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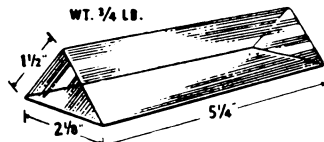


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## Books of the Week

(Continued from p. 349)

Boolean algebra, on which the programming of intelligent machines is based.

THERMODYNAMICS—Gordon J. Van Wylene—Wiley, 567 p., illus., \$7.95. Textbook for engineering students with rigorous treatment of fundamentals.

TRIGONOMETRIC SERIES, Vols. I and II—A. Zygmund—Cambridge Univ. Press, 2nd ed., 383 and 354 p. resp., \$15 each, \$27.50 set. Revision takes account of recent work in Fourier series and related branches of pure mathematics, topics are treated in greater detail than before.

THE WORLD OF CAVES—Anton Lubke, transl. from German by Michael Bullock—Coward-McCann, 295 p., illus., \$5. Describes what speleologists find in the dark cavities of the earth, and their geological and historical significance.

Science News Letter, May 30, 1959

### EDUCATION

## NSF Sponsors Students In Basic Research

SOME 2,000 undergraduates will be taking part in "real" scientific research beginning this summer.

Grants totaling \$1,700,000 have been awarded to about 200 colleges and universities throughout the country. This represents an attempt to "capture the teachable moment when the young undergraduate shows early interest in scientific research," Dr. Alan T. Waterman, director of the National Science Foundation, said. The NSF is supporting the new Undergraduate Research Participation Program.

A list of the institutions receiving grants is available from the NSF, together with program dates and directors. Inquiries about specific programs should be addressed to the appropriate director, not to the Science Foundation.

Science News Letter, May 30, 1959

## Questions

ASTRONOMY—Where is the device located that makes it possible to record distant stars' ultraviolet light? p. 341.

INVENTIONS—What are some of the nation's most wanted inventions? p. 343.

PUBLIC HEALTH—How great an increase in the number of paralytic polio cases was there in 1958 compared with 1957? p. 339.

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