

Record of National Symposium on Extended Range and Space Communications

By E. R. S. C. Symposium Committee of the Institute of Radio Engineers, Washington, D.C. Published by the Goetz Company, 1030 20th St., N.W., Washington 6, D.C., 119 pp. Illus. i-iii.

Under the joint sponsorship of the Institute of Radio Engineers and George Washington University, the symposium recorded in this 119-page booklet was held in Washington in October 1958. Eighteen papers were presented in five sessions, covering the general topics of space transmission problems, meteor burst communications systems, transoceanic communication by means of satellites, extended range tropospheric communication systems, and extended range ionospheric communication systems.

An introductory survey paper by Maj. Edward N. Wright, of the Air Research and Development Command, describes the requirements for communications of the Air Force, and explains some of the special problems resulting from the extension of communication channels into outer space.

Other papers in this volume present such subjects as the transmission of television signals from satellites, wideband facsimile transmission, meteor burst system performance, the use of satellites as communication relay stations, and various systems using scatter techniques.

For the communications engineer de-

siring a brief survey of recently developed approaches to many problems, this collection of papers will represent a valuable source of information.—A. L. Sorem, Eastman Kodak Co., Research Laboratories, Kodak Park, Rochester 4, N.Y.

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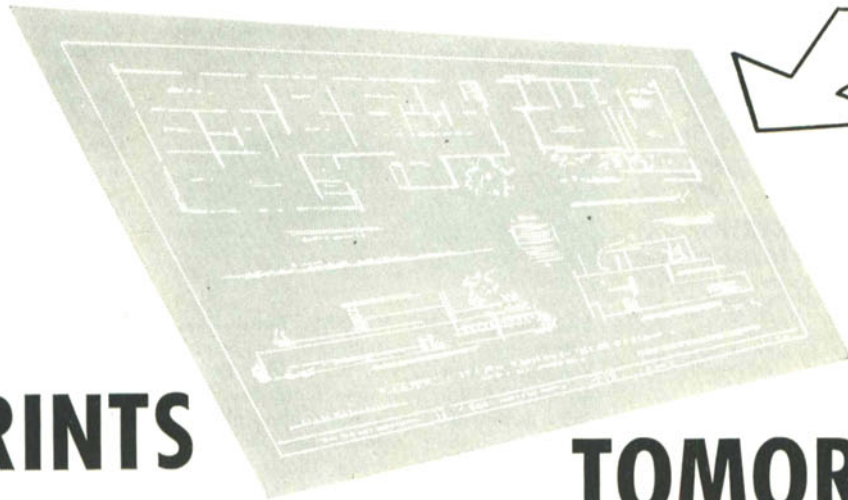
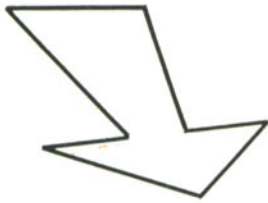
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