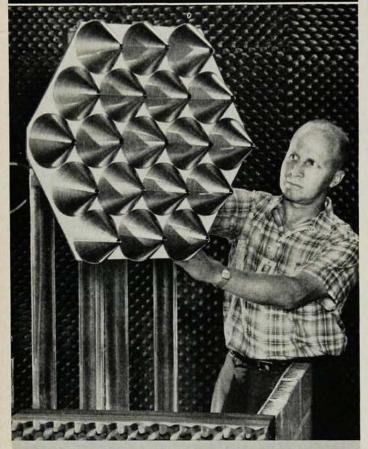
## Research Opportunities FOR GROUP LEADERS at Texas Instruments in ANTENNAS & PROPAGATION



The study of advanced antenna techniques is one of many interesting investigations in TI's antenna and propagation research program. If you wish to combine your research interests with the advancement opportunities offered by a young and vigorous growth company, investigate employment possibilities at Texas Instruments where you will participate in an integrated R&D program covering the spectrum from centimeterwave through optical frequencies.

OTHER OPENINGS exist at all experience levels for specialists in radar systems, quantum electro-optical methods, microwave devices and techniques, communications systems, and nanosecond digital circuit techniques.

Engineers and scientists with appropriate education and experience backgrounds, who have demonstrated competence in research plus technical leadership capabilities, are invited to submit resumes directly to:

> DR. ROBERT MALM, Manager Research and Development Department Dept. 143

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INCORPORATED
BOX 6015 DALLAS 22, TEXAS

Oct. 9: Philosophy and Science in Education; Sterling Mc-Murrin, US Commissioner of Education

Oct. 23: The Pernicious Influence of Empiricism; Paul Feyerabend, University of California

Nov. 6: Derived Measurement, Universal Constants, and The Expression of Scientific Laws; Brian Ellis, University of Melbourne, Australia

Nov. 20: Physics, Ethics, and the Thermodynamic Imperative; R. Bruce Lindsay, Brown University

Dec. 4: The Structure of Matter; Abraham Pais, Institute for Advanced Study, Princeton

Dec. 18: Inductive Inference; Wesley Salmon, Brown University

Jan. 8: Particles and Fields in Modern Physics; E. L. Hill, University of Minnesota

Jan. 22: Explanation and Systematization; Sylvain Bromberger, University of Chicago

Feb. 5: Fundamental Problems in the Theory of Scientific Explanation and Prediction; Nicholas Rescher, University of Pittsburgh

Feb. 19: Theoretical Explanations; Wilfred Sellars, Yale University

March 5: Conventionalism in Geometry; Hilary Putnam, Massachusetts Institute of Technology

March 19: The Physical Concepts of Space, Time, and Causality; Dudley Shapere, University of Chicago

March 26: Reflections on Philosophy of Science in the Soviet Countries; Robert S. Cohen, Boston University

April 16: The Role of Probability in Quantum Mechanics; Patrick Suppes, Stanford University

April 30: Are Life Processes Governed by Physical Laws?; Ernest C. Pollard, Pennsylvania State University

May 14: The Limits of Physical Explanation; Michael Scriven, Indiana University

May 21: Philosophical Aspects of Contemporary Cosmologies; Norwood R. Hanson, Indiana University

## Grants and Fellowships

Research grants totaling nearly a quarter-of-a-million dollars have been awarded this year to physics and chemistry graduate departments of 22 schools by the Eastman Kodak Company. The grants, which take the place of awards previously made under the company's fellowship award program, range in size from \$6000 to \$12 500. Each \$12 500 grant provides a \$1000 award recognizing the achievements of an outstanding doctoral student. The major portion of the funds are for unrestricted use in research programs and in providing new or improved facilities. Graduate physics departments receiving funds under the program include the California Institute of Technology, the University of Illinois, the Massachusetts Institute of Technology, the University.

The Scripps Institution of Oceanography is offering postdoctoral fellowships for research in physical, chemical, and biological oceanography, submarine geology, and marine geophysics. Stipends for the one-year appointments (renewable in some cases) are \$6000, plus allowance for children, to a maximum of \$7500. Allowances for travel are also provided. Inquiries should be sent to Scripps Institution of Oceanography, La Jolla, Calif.