

control the physical basis of tone production in musical instruments which have been rated aesthetically by competent musicians." Dr. Richard E. Grove, chairman of the Department, feels that much fundamental physics can be studied in the context of this type of research project, and that the work can be carried on inexpensively, both important considerations for the private liberal-arts college with a limited research budget.

Nuclear studies

The National Association of State Universities and Land-Grant Colleges has compiled a booklet describing the facilities and programs in nuclear science and engineering in the public institutions which make up its membership. Designed primarily for students and their guidance counselors, the publication opens with an overall look at nuclear science programs in member institutions, followed by a description of accelerators at some forty-six schools. Also included are listings of institutions with critical as well as subcritical research and training reactors, and degree programs in the field. Copies of *Nuclear Science and Engineering at State Universities and Land-Grant Institutions* are available from the Office of Institutional Research, Association of State Universities and Land-Grant Colleges, 1785 Massachusetts Ave., NW, Washington, D. C. 20036.

Medical physics

The American Association of Physicists in Medicine has prepared a pamphlet for the benefit of recent graduates in the physical sciences and student advisers on the nature of medical physics as a career. The information provided in the pamphlet was gathered from a survey which the organization conducted in 1960 of its membership to determine the position of the profession. Included are discussions of what medical physics is, what the work entails, the training involved, and income and future demand. Partial lists of programs in medical physics and biophysics as well as traineeship programs in medical

physics are also given. Copies of the pamphlet and more detailed information about the profession can be obtained from Dr. C. S. Simons, Department of Radiology, University of Michigan Hospital, Ann Arbor, Mich.

Paying for college

The National Science Foundation has recently prepared a short guide for students on the subject of *Financing A College Science Education*. Discussions of what the family's proper role in paying for college should be and how this may affect the choice of school are followed by suggestions on locating financial assistance. Programs of federal support are described for the various agencies and departments of the government as well as nonfederal assistance from schools and state and national scholarship programs. The booklet concludes with a list of some useful references to further information on the subject. Copies of the brochure can be purchased from the Superintendent of Documents, US Government Printing Office, Washington, D. C. 20402, for 15 cents.

Summer programs

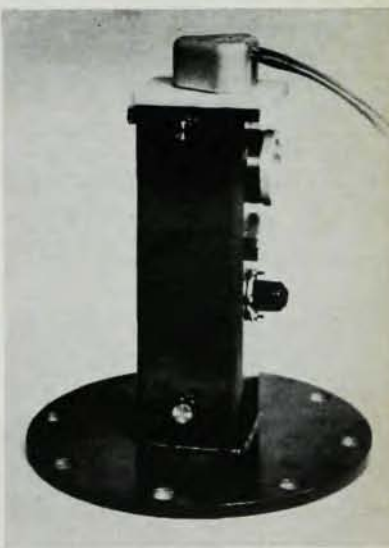
A short course in optical physics and its recent applications will again be conducted at the University of California's campus in Los Angeles during July 12-23. Directed by Max Garbuny, the course is intended for workers in development and research, engineers, teachers, or graduate students interested in optical radiation physics. Interaction processes involved in the generation, propagation, and detection of coherent and incoherent light from the infrared to the ultraviolet will be featured. The fee for this course will be \$250. Additional information and application blanks can be obtained from H. L. Tallman, Physical Sciences Extension, Room 6532 Engineering Building, University of California, Los Angeles, Calif. 90024. Phone: (Area code 213) 272-8911, Ext. 3121.

A two-week program on electromagnetic compatibility is being offered at the Massachusetts Institute of

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