

NEWS OF THE INSTITUTE

Physics information program

The Atomic Energy Commission and the National Science Foundation have granted almost \$200 000 to AIP to pursue its information program. Grants for the new program (described in *PHYSICS TODAY*, January, page 45) are more than double those for the old documentation research project (which they now replace); additional proposals are in process.

The AEC grant of \$20 280 is for research in information communication among theoretical high-energy physicists (see *PHYSICS TODAY*, June, page 60). This project will involve study of present communication networks, including determination of the desirability of an actual experimental service. If, after study and review by an advisory board representing AIP member societies, the experiment is decided upon, additional support will be sought for a service of limited duration subject to periodic evaluations. Miles Libbey, who recently joined the Institute from Mitre Corp., is heading this operation.

NSF is giving the institute \$173 600 to develop a comprehensive physics index, which would be used in entirety by *Physics Abstracts* and in parts by AIP journals, and to initiate development of a computer-usable (multicordinate) classification system for physics journal literature. The latter phase involves joint projects with TIP (Technical Information Project) at MIT, Engineers Joint Council and

American Society for Metals, Chemical Abstracts Service and information programs of AEC.

Arthur Herschman has taken a leave of absence as editor of *The Physical Review* to direct the NSF part of the program. Herschman received his PhD from Yale in 1954 and taught at Worcester Polytechnic Institute before coming to *The Physical Review* in 1961; he joined Simon Pasternack as editor in 1964.

AIP is honored

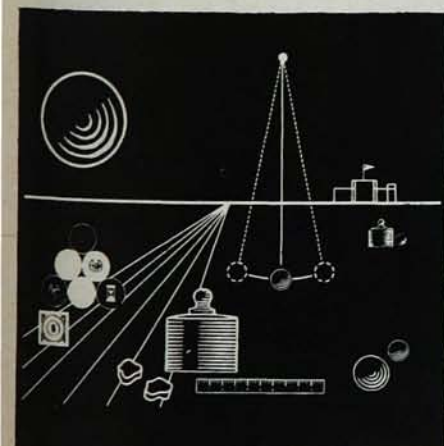
On 19 May the Public Relations Society of America presented AIP governing-board chairman Ralph A. Sawyer with a Silver Anvil award honoring the institute's "outstanding achievement in public relations." The award was in recognition of the AIP journal project for science writers (*PHYSICS TODAY*, April, page 12), directed by Barry Richman of the public-relations division.

Silver Anvil awards have been given annually by the Public Relations Society for the last 22 years to stimulate and encourage public-relations performance and techniques. The occasion marked the second time AIP has been so honored, the institute having received a Silver Anvil award in 1962 for its series of seminars for science writers.

The institute won a further accolade on 13 May when the Society of Technical Writers and Publishers named AIP staff artist Helaine Rosenthaler to receive an award for her series of physics glossary covers. The covers were designed in conjunction with the science-writer seminars (*PHYSICS TODAY*, Jan., page 9).

New corporate associates

During its meeting on 25 March the AIP executive committee elected three more AIP corporate associates, bringing the total industry membership to 163. The new companies are Conduction Corp., American Gas Association and Esso Production Research Co. □



How many programmable calculators can solve this expression?

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*from $\text{INV}(A) = \text{TAN}(A) - A$, a familiar expression in gear design, used to determine the angle "A" when its involute, $\text{INV}(A)$, is known. Here is the keying sequence on the LOCI-2, given $\text{INV}(A) = .05367$, with the proper program card in the reader:

1. Prime	3. W → S1
2. Key in .05367 (INV(A))	4. Po
5. Read A = 29.9860 Degrees	

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