

vania; Greenfield was at Bell Laboratories and Wiser was at the IBM Watson Research Center.

Fitch and Cronin Share 1967 Research Corporation Award

For their demonstration that the combined symmetry of parity and charge conjugation (the "CP rule") is not a universal symmetry law, Val L. Fitch and James W. Cronin have won the 1967 Research Corporation Award. Given for outstanding achievements by scientists who have not already been accorded major honors, the award consists of a plaque, citation and \$5000 honorarium.

The Princeton professors found that a small percentage of K_2^0 decays produced a π^+ and a π^- , which is a direct contradiction of CP invariance for weak interactions. It also appeared that time-reversal invariance may be violated. The discovery of CP violation (PHYSICS TODAY, October 1964,



CRONIN AND FITCH

page 82), probably the most exciting new development in elementary-particle physics in the past few years, has

Herbert A. Erf, Treasurer Of the Acoustical Society

The treasurer of the Acoustical Society of America died of a heart attack at his home in Cleveland, Ohio, on 27 Dec. Herbert A. Erf was a charter member of the Acoustical Society, became a fellow in 1941 and was treasurer since 1950. Throughout his career he was an active applied-acoustical scientist and engineer.

Born in Bellevue, Ohio in 1903, Herbert Erf majored in physics at the

stimulated theoretical and experimental activity enormously.

APS Gives J. R. Schrieffer Buckley Solid-State Prize

The American Physical Society has chosen J. Robert Schrieffer as the recipient of the 1968 Oliver E. Buckley Solid-State Physics Prize. A professor at the University of Pennsylvania, Schrieffer receives the prize for his contribution to many-body theory and its application to the interpretation of experiments on superconductivity. Bell Laboratories sponsors the prize which is being awarded at the APS meeting in Berkeley this month.

APS High-Polymer Prize To Arthur V. Tobolsky

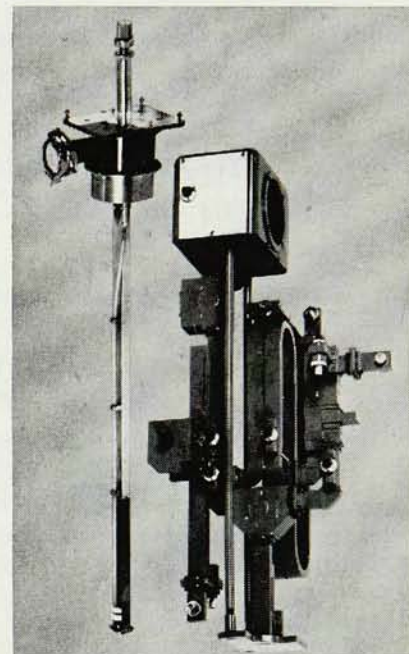
The American Physical Society High-Polymer-Physics Prize, sponsored by the Ford Motor Company, goes to Arthur V. Tobolsky at the APS meeting in Berkeley this month. The award cites his contributions to the understanding of viscoelastic behavior of polymers, especially stress relaxation. Tobolsky is Higgins Professor of chemistry at Princeton.

R. G. Herb Is Winner of 1968 Tom W. Bonner Prize

The American Physical Society will present the Tom W. Bonner Nuclear-Physics Prize for 1968 to Raymond G. Herb at its spring meeting in Washington, D. C. Herb, Charles Mendenhall Professor of physics at the University of Wisconsin in Madison, will receive the award for his development of precise nuclear-physics equipment, in particular the pressurized electrostatic accelerator, and early contributions to proton-proton scattering.

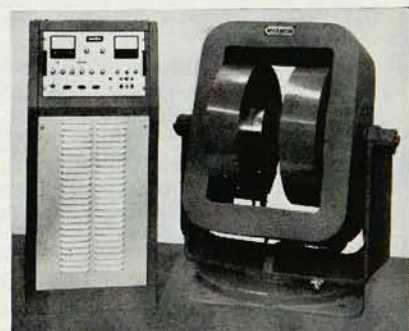
then Case School of Applied Science (later Case Institute of Technology and now Case Western Reserve University). Here he came under the influence of the late Dayton C. Miller, who aroused his interest in acoustics. On graduating from Case in 1926, Erf went into industrial work, first with the Celotex Corp and later with the Northern Ohio Telephone Co and the George P. Little Acoustical Co in Cleveland. In 1935 he established his own business, the H. A. Erf Acoustical Co, devoted to acoustical engineering,

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