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Audio-frequency compliances of prestressed quartz, fused silica, and aluminum, M. Greenspan and C. Tschiegg, Proc. Fourth Intern. Congr. on Acoustics, Part I, Paper P12 (Copenhagen, Denmark, Aug. 21-28, 1962).  
*\*Publications for which a price is indicated are available by purchase from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C., 20402 (foreign postage, one-fourth additional). Reprints from outside journals and the NBS Journal of Research may often be obtained directly from the authors.*

## Notices

### SYMPOSIUM ON SIGNAL STATISTICS

A Symposium on Signal Statistics will be held on December 6 and 7, 1963 in Seattle, Wash., in conjunction with the Fall URSI meeting. The meeting will be located at the University of Washington. The Symposium will be jointly sponsored by URSI, the University of Washington, and Boeing Scientific Research Laboratory. The objective:

A definitive statement of the current state of the art, including important open problems and directions for research, on the subject of "Signal Statistics."

At present the list of suggested topics is:

1. The Rayleigh distribution and its generalizations.
2. Statistical inference for Rayleigh distributions.
3. Noncentral chi-square,  $t$ , and  $F$  distributions and applications.
4. Phase fluctuation statistics.
5. Phase statistics—experimental methods.
6. Statistical methods for stochastic processes, stationary and nonstationary.
7. Effects of signal processing, linear and nonlinear, on signal statistics.
8. Probabilistic aspects of radio wave propagation:
  - a. Scattering from random configurations.
  - b. Random continuum.
  - c. Random surfaces.
  - d. Partial coherence.
9. Mathematical techniques.
10. Sophisticated data processing.
  - a. Doppler shift radar.
  - b. Pseudo-random pulse methods.
  - c. Space telecommunications and radar.
  - d. Analog correlation methods.

To obtain further information on the meeting write to:

Dr. C. I. Beard  
Geo-Astrophysics Laboratory  
Boeing Scientific Research Laboratories  
Post Office Box 3981  
Seattle 24, Wash.

### CONFERENCE ON NONLINEAR PROCESSES IN THE IONOSPHERE

A Conference on Nonlinear Processes in the Ionosphere will be held at the Central Radio Propagation Laboratory of the National Bureau of Standards, Boulder, Colo., on December 16 and 17, 1963. Papers are invited on both applied and scientific aspects of radiowave interaction with the ionosphere. One to two-hundred word abstracts should be sent as soon as possible, and in no event later than October 15, 1963 to Dr. Donald H. Menzel, Director, Harvard College Observatory, Cambridge 38, Mass. Final manuscripts are due at the time of the meeting. Co-chairmen for the Conference are D. H. Menzel and E. K. Smith, Jr. (CRPL).

To obtain further information on the meeting write to the Secretary-Treasurer of the Conference: R. T. Frost, Central Radio Propagation Laboratory, National Bureau of Standards, Boulder, Colo.