

## PUBLICATIONS AND REPORTS

### MEETING PAPERS PRESENTED

Annual Meeting, American EEG Society, Atlantic City  
June 15-17, 1956

J. S. Barlow and M. A. B. Brazier, The pacing of EEG potentials of alpha frequency by low rates of repetitive flash in man

International Congress on Acoustics, Massachusetts Institute of Technology and Harvard University, Cambridge  
June 17-23, 1956

M. Halle and G. W. Hughes, Acoustic properties of English stop consonants

IRE-AIEE 14th Annual Conference on Electron Tube Research, University of Colorado, Boulder  
June 27-29, 1956

L. D. Smullin, A. Bers, and B. A. Highstrete, Multicavity klystrons

Gordon Research Conference, Colby Jr. College, New London, N. H.  
July 23-27, 1956

W. S. McCulloch, Human senses as instruments (invited)

Linguistic Society of America, Ann Arbor, Mich.  
July 27-28, 1956

G. H. Matthews, Morphophonemic change in Siouan

International Physiological Congress, Brussels, Belgium  
July 30-Aug. 4, 1956

L. S. Frishkopf, Correlational analysis of brain potentials under conditions of "rest" and of auditory stimulation

N. Y. S. Kiang and M. H. Goldstein, Jr., Responses from the auditory cortex to tone pips and bursts of noise: An interpretation in terms of the place and frequency principles

W. A. Rosenblith, A probabilistic approach to the study of the electrical activity of the auditory nervous system

P. D. Wall, J. Y. Lettvin, W. S. McCulloch, and W. H. Pitts, The nature and origin of prolonged events in the terminal arborisations of spinal afferent fibres

West Coast IRE Convention, Los Angeles  
August 21-25, 1956

D. A. Huffman, Problems of sequential circuit synthesis

P. M. Lewis II, Synthesis of grounded two-element-kind symmetrical networks

## JOURNAL ARTICLES ACCEPTED FOR PUBLICATION

(Reprints may be requested from the Document Room, 20-B-221,  
Research Laboratory of Electronics, Massachusetts Institute of  
Technology, Cambridge 39, Massachusetts)

- J. Bjorken and F. Bitter, Field homogeneity and pole distribution (Rev. Sci. Instr.)  
A. G. Bose and S. D. Pezaris, A theorem concerning noise figures (Trans. IRE (PGCT))  
M. A. B. Brazier and J. S. Barlow, Some applications of correlation analysis to  
clinical problems in electroencephalography (EEG and Clin. Neurophysiol.)  
H. H. Brown and F. Bitter, Microinhomogeneities in magnetic fields (Rev. Sci. Instr.)  
A. L. Gilardini and S. C. Brown, Microwave conductivity of an ionized plasma  
(Phys. Rev.)  
A. L. Gilardini and S. C. Brown, Microwave determination of the probability of col-  
lision of electrons in neon (Phys. Rev.)  
M. Halle, G. W. Hughes, and J. -P. A. Radley, Acoustic properties of stop consonants  
(J. Acoust. Soc. Am.)  
S. J. Mason, Power gain in feedback amplifiers (Trans. IRE (PGCT))  
S. J. Mason, The gyristor, a topological approach to active circuit analysis (Proc. IRE)

## LETTERS TO THE EDITOR ACCEPTED FOR PUBLICATION

- S. J. Mason, Oral examination procedure (Proc. IRE)

## TECHNICAL REPORTS PUBLISHED

(These and previously published technical reports may be obtained from  
the Document Room, 20-B-221, Research Laboratory of Electronics,  
Massachusetts Institute of Technology, Cambridge 39, Massachusetts)

- 284 A. D. Berk, Cavities and waveguides with inhomogeneous and anisotropic media  
307 L. S. Frishkopf, A probability approach to certain neuroelectric phenomena  
308 M. Strieby, Time domain synthesis by means of trigonometric polynomial  
approximations

