PUBLICATIONS AND REPORTS

MEETING PAPERS PRESENTED

Thirty-fifth Annual Convention, American Speech and Hearing Association, Cleveland, Ohio
Nov. 11-14, 1959
A. S. House, Effect of formant bandwidth on vowel preference

Eastern Joint Computer Conference, Boston, Massachusetts
Dec. 1-3, 1959
N. Rochester, S. H. Goldberg, and D. J. Edwards, Machine manipulation of algebraic expressions

American Physical Society, Division of Plasma Physics Meeting, U. S. Naval Postgraduate School, Monterey, California
Dec. 3-5, 1959
R. B. Hall and G. Bekefi, Cesium plasma
J. L. Hirshfield and D. E. Baldwin, Cyclotron harmonic radiation from plasmas

Linguistic Society of America Meeting, Chicago, Illinois
Dec. 27-29, 1959
E. S. Klima and R. B. Lees, Rules for English pronominalization
V. H. Yngve, A model and a hypothesis for language structure

Association for Symbolic Logic Meeting, Columbia University, New York
Dec. 28, 1959
T. More, Jr., A normal form theorem for the implicational ordering, A0

Intra-Neural Society Meeting, Boston, Massachusetts
Jan. 12, 1960
N. Y-S. Kiang, Coding in the auditory nervous system (invited)

Sixth National Annual Meeting, American Astronautical Society, New York
Jan. 18-21, 1960
E. J. Baghdady, Techniques for enhancing an FM signal in the presence of random noise (invited)

IRE, Professional Group on Medical Electronics, Metropolitan New York Chapter Meeting, New York
Jan. 21, 1960
T. F. Weiss, A discussion of two techniques for the processing of EEG data (invited)
AIEE Winter General Meeting, New York
Feb. 1, 1960

W. S. McCulloch, O. G. Selfridge, and H. von Foerster, Parallel computation of the nervous system – Reliability through redundancy

IRE Symposium on Modern Communication, Philadelphia, Pennsylvania
Feb. 1, 1960

W. A. Rosenblith, The quantitative assessment of the electrical activity of the nervous system (invited)

Department of Anatomy, University of California Medical Center, Los Angeles, California
Feb. 4-5, 1960

J. S. Barlow, Some aspects of computer analysis in neurophysiology (Two lectures) (invited)

Conference on Cerebral Systems and Computer Logic (California Institute of Technology and The Rockefeller Foundation), Pasadena, California
Feb. 8-11, 1960

H. R. Maturana, Problems of the visual physiology and anatomy of amphibia (invited)

W. S. McCulloch, Parallel computation in neural circuits (invited)

W. A. Rosenblith, Temporal characteristics of processes that accompany the handling of sensory information (invited)

Feb. 9-13, 1960

R. P. Rafuse, Measurement of absolute noise performance of parametric amplifiers

Symposium on the Engineering Aspects of Magnetohydrodynamics, Philadelphia, Pennsylvania
Feb. 18-19, 1960

G. Bekefi and J. L. Hirshfield, Thermal radiation from plasmas and its application to microwave diagnostics (invited)

Fourth Annual Meeting, Biophysical Society, Philadelphia, Pennsylvania
Feb. 24-26, 1960

J. S. Barlow, Periodicities in the electrical activity of the brain in relation to biological rhythms

J. E. Brown, Peripheral nerve responses to simple stimulus configurations in man

M. Eden and M. Halle, A model for cursive writing viewed as a process of pattern generation
MEETING PAPERS PRESENTED (continued)

C. D. Geisler, Electrical responses to acoustic clicks recorded from human scalp
G. L. Gerstein, Firing patterns of single cells in the auditory cortex
M. H. Goldstein, Jr. and W. T. Peake, A model for overlapping of neural responses; application to peripheral and cortical responses in the auditory system
J. L. Hall, Binaural "fusion" for trains of acoustic pulses in relation to electrophysiological data
N. Y-S. Kiang, Single unit activity in the cochlear nucleus region in response to repetitive acoustic stimuli
W. T. Peake and N. Y-S. Kiang, Electrical responses to rarefaction and condensation clicks
T. F. Weiss and C. E. Molnar, Repetitive electrical activity from the cat's auditory cortex

JOURNAL ARTICLES ACCEPTED FOR PUBLICATION

(Reprints, if available, may be obtained from the Document Room, 26-327, Research Laboratory of Electronics, Massachusetts Institute of Technology, Cambridge 39, Massachusetts.)

L. C. Bahiana and L. D. Smullin, Coupling of modes in uniform composite waveguides (Trans. IRE, PGMTT)
A. S. House, Formant band widths and vowel preference (J. Speech Hearing Res.)
L. Mower, The conductivity of a warm plasma (Phys. Rev.)
W. W. Peterson, Encoding and error-correction procedures for the Bose-Chaudhuri codes (Trans. IRE, PGIT)

LETTERS TO THE EDITOR ACCEPTED FOR PUBLICATION

R. L. Kyhl, Negative L and C in solid-state masers (Proc. IRE)
W. B. Nottingham, Comments on "Heat to Electricity by Thermionic Emission" (J. Appl. Phys.)
TECHNICAL REPORTS PUBLISHED

(These and previously published technical reports, if available, may be obtained from the Document Room, 26-327, Research Laboratory of Electronics, Massachusetts Institute of Technology, Cambridge 39, Massachusetts.)

291 S. Krongelb and M. W. P. Strandberg, Use of Paramagnetic-Resonance Techniques in the Study of Atomic-Oxygen Recombinations

341 M. A. Epstein, Construction of Convolution Codes by Suboptimization

354 B. J. Leon, A Frequency-Domain Theory of Parametric Amplification

359 E. M. Hofstetter, Large-Sample Sequential Decision Theory

SPECIAL PUBLICATIONS


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