PUBLICATIONS AND REPORTS

MEETING PAPERS PRESENTED

University of Michigan Summer Session Conference, Ann Arbor, Michigan
August 4-15, 1969

D. H. Steinbrecher and R. E. Snyder, A Fundamental Limit on Intermodulation Distortion in a Broadband Doubly Balanced Modulator

Molecular Spectroscopy and Structure Symposium, Ohio State University, Columbus, Ohio
September 2-6, 1969

Jeanne H. Fertel and C. H. Perry, Raman Spectra of Alkali Halides and Some of Their Mixed Crystals

J. F. Parrish and C. H. Perry, Measuring Uniaxial Spectral Dielectric Response: Applications to Calcite CaCO₃ and Tysonite LaF₃

Alumni Seminar, Massachusetts Institute of Technology, Cambridge, Massachusetts
September 8, 1969

W. M. Siebert, The Impact of New Technology on Medical Education (invited)

Nuclear Fusion Reactor Conference, United Kingdom Atomic Energy Authority, Culham Laboratory, Abington, Berkshire, England
September 17-19, 1969

D. J. Rose, G. L. Flint, Jr., and F. B. Marcus, Some Topics on Pulsed Systems and Mirrors

9th International Congress of Neurology / 4th International Congress of Neurological Surgery, New York
September 20-27, 1969

J. S. Barlow and R. S. Schwab, Mutual Stabilization of Upper Limbs in Relation to Tremor Synchrony in Parkinson's and Familial Tremor

A. D. Weiss and J. S. Barlow, Compensatory Eye Movements in a Bárány Chair: Effect of Visual Cues, Eye Closure, Attention, and Vestibular Disease

IEEE Ultrasonic Symposium, St. Louis, Missouri
September 24-26, 1969

C. Krischer, Ultrasonic Attenuation Measurements in Fused Silica Using Bragg Diffraction

Feedback Meeting, Veterans' Administration Hospital, Santa Monica, California
October 22, 1969

E. Peper, Physiological Foundations of Unusual Experience as Represented in the Electroencephalogram

E. Peper, Regulation of the Electroencephalogram through Internal and External Parameters

AVS Surface Science Symposium, Seattle, Washington
October 29-31, 1969

R. E. Stickney, A Review of the Interaction of Neutral Molecules with Solid Surfaces
MEETING PAPERS PRESENTED (continued)

California State Department of Education's Language Special Study Institute, San Diego, California
November 1-3, 1969
Paula Menyuk, Language Acquisition: Normal and Deviant

General Electric Company, Saratoga Springs, New York
November 4-5, 1969
W. M. Siebert, Modern Engineering Course (invited lectures)

Seventy-eighth Meeting, Acoustical Society of America, San Diego, California
November 4-7, 1969
B. A. Blesser, The Inadequacy of a Spectral Description in Relation to Speech Perception
L. D. Braida, Absolute Identification of Sound Intensity: Dependence of Observer Sensitivity on Range and Number of Stimuli
H. S. Colburn, Model of Binaural Hearing Based on Auditory-Nerve Patterns
D. H. Klatt, Synthesis of Stop Consonants in Initial Position
J. I. Makhoul, Speaker-Machine Interaction in a Limited Speech Recognition System
M. Medress, An Approach to the Computer Recognition of Single-Syllable English Words
H. Suzuki, A Mutually Complementary Effect of the Rate and the Amount of Formant Transition in Distinguishing Vowel, Semi-vowel, and Stop Consonant
J. J. Wolf, A Simulation of the Measurement Phase of an Automatic Speaker Recognition System

NEREM, Boston, Massachusetts
November 5-7, 1969
O. J. Tretiak, Pattern Recognition and Waveform Analysis

American Speech and Hearing Association Conference, Chicago, Illinois
November 11-14, 1969
P. Menyuk, Should Black Children Be Taught White Dialect: Who Should Make the Decision?
T. H. Shriner and G. Schuckers, Reassembly of Segmental Sentences by Children

Division of Plasma Physics, American Physical Society, Annual Meeting, Los Angeles, California
November 12-15, 1969
R. A. Blanken, N. H. Lazar, and W. J. Hermann, Low Density Instability in a Hot-Electron Plasma
T. H. Dupree, Time and Space Correlations Due to Resonant Particle Scattering
MEETING PAPERS PRESENTED (continued)

M. Hudis and L. M. Lidsky, Observation of a Centrifugally Driven E X B Flute in a Hollow-Cathode Discharge

W. M. Manheimer, A Strong Turbulence Theory of Stochastic Acceleration, Nonlinear Stabilization, and Harmonic Generation

M. Murakami and L. M. Lidsky, Wave-Particle Interactions in Interpenetrating Beams

C. Oddou and B. L. Wright, Anomalous Cyclotron Radiation

P. A. Politzer, Behavior of the Collisionless Drift Instability

C. E. Speck and R. J. Briggs, Electron Cyclotron Instabilities Driven by Hot Electrons in a Magnetic Mirror

D. W. Swain, The Relation between Ion Acoustic Waves and Moving Striations in a Low-Pressure Discharge

C. E. Wagner and L. M. Lidsky, Experimental Observations of Microinstabilities in a Hot-Electron Plasma

JOURNAL PAPERS ACCEPTED FOR PUBLICATION

(Reprints, if available, may be obtained from the Document Room, 26-327, Research Laboratory of Electronics, Massachusetts Institute of Technology, Cambridge, Massachusetts 02139)

G. D. Bernard and W. H. Miller, What Does Antenna Engineering Have to Do with Insect Eyes? (IEEE Student J.)


P. Doherty and A. Schwartz, The Syntax of the English Comparative (Language)


J. S. Gruber, Look and See (Language)

R. D. Hall and A. A. Borbély, Acoustically Evoked Potentials in the Rat during Sleep and Waking (Exp. Brain Res.)

K. R. Ingham, A Speech Read-only Memory Store for Blind Programmers (IEEE Trans. (BME))


J. A. Kong, Quantization of Electromagnetic Radiation Fields in Moving Uniaxial Media (J. Appl. Phys.)


T. J. Lee, Effect of Temperature on the Work-Function Minimum of Cesiated Tungsten Surfaces (J. Appl. Phys.)


R. M. Price, Survey of the South Celestial Polar Region at 408 MHz (Astron. J.)


J. T. Pinkston, An Application of Rate-Distortion Theory to a Converse to the Coding Theorem (IEEE Trans. (IT))


T. H. Shriner and R. G. Daniloff, Reassembly of Segmented CVC Syllables by Children (J. Speech Hearing Res.)


P. D. Wall, J. Freeman, and D. Major, Dorsal Horn Cells in Spinal and in Freely Moving Rats (Exptl. Neurol.)

LETTERS TO THE EDITOR ACCEPTED FOR PUBLICATION

B. Blesser, Ultra-linear Transistor Configuration under Conditions of Minimal Power Supply Drain Current (IEEE J. (SSC))

B. F. Burke, On the Quantum Interference Paradox (Nature)


J. I. Glaser, Use of the Lorentz Reciprocity Theorem for the Design and Evaluation of Feeds for Reflectors (IEEE Trans. (AF))


TECHNICAL REPORTS PUBLISHED

(This 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, Massachusetts 02139)

471 Edward A. Bucher. Error Mechanisms for Convolutional Codes

SPECIAL PUBLICATIONS


