PUBLICATIONS AND REPORTS

MEETING PAPERS PRESENTED

"Auditory Analysis and Perception of Speech" Symposium, Leningrad, USSR
August 21-24, 1973
A. W. F. Huggins, On Isochrony and Syntax

First International Congress on Historical Linguistics, Edinburgh, Scotland
August 27-31, 1973
P. Kiparsky, Problems of Analogical Change

Fünfte Factagung Indogermanische Gesellschaft, Regensburg, Germany
September 1-5, 1973
P. Kiparsky, Zum Indogermanischen Akzent und Ablantsystem

IAU Symposium 60 "Galactic Radio Astronomy," Maroochydore, Australia
September 2-7, 1973
B. F. Burke, Maser Sources in HII Regions
J. H. Spencer and B. F. Burke, The HII Region of M31

Third Annual TAPPI Reprography Conference, Boston, Massachusetts
September 30 - October 3, 1973
W. F. Schreiber, Laser/Dry Silver Facsimile System

International Joint Conference on Pattern Recognition, Washington, D.C.
October 30 - November 1, 1973
M. Yoshida and M. Eden, Handwritten Chinese Character Recognition by an Analysis-by-Synthesis Method

86th Meeting, Acoustical Society of America, Los Angeles, California
October 30 - November 2, 1973
D. H. Klatt and Stefanie R. Shattuck, Perception of Chirps That Resemble Rapid Formant Transitions

October 31 - November 3, 1973
G. Bekefi, C. Deutsch, G. Coulaud, and M. Sassi, Effect of Plasma Turbulence on an Optical Transition Having a Nearby Forbidden Component (p. 1343)
P. A. Politzer, Drift Instability Driven by Trapped Ions in a Linear Quadrupole (p. 1329)
R. J. Taylor and R. R. Parker, Toroidal Equilibrium of Alcator Plasmas with Programmed Transverse Fields (p. 1307)

Institute of Image Electronics Engineering of Japan, Tokyo, Japan
January 17, 1974
W. F. Schreiber and D. E. Troxel, Digital Wirephoto System (invited talk)
MEETING PAPERS PRESENTED (continued)

142nd Meeting, American Astronomical Society, Lincoln, Nebraska
March 26-29, 1974

K. Y. Lo and K. P. Bechis, The V1057 Cygni OH Sources: Accurate Position and Polarization Properties

Annual Meeting on Theoretical Aspects of Controlled Thermonuclear Research, Lawrence Berkeley Laboratory, University of California, Berkeley, California
April 3-5, 1974

A. Bers and F. W. Chambers, Three-Dimensional Stability Analysis of Coupled-Mode Interactions
A. Bers and C. F. F. Karney, Parametric Excitation of Ion Waves by Resonance-Cone Fields near the Lower Hybrid Frequency
B. Coppi, Anomalous Resistivity and Transport Due to Impurities in High-Temperature Plasmas
J. E. McCune and K. U. von Hagenow, Nonlinear Rotational Instability of Tokamak Equilibria
D. J. Sigmar and S. P. Hirshman, Ion Distribution Function in Near Collisionless Tokamak Plasmas

Fourth Annual Symposium on Anomalous Absorption of Intense High-Frequency Waves, Lawrence Livermore Laboratory, University of California, Livermore, California
April 8-10, 1974

F. W. Chambers and A. Bers, Three-Dimensional Stability Analysis of Laser-Plasma Interactions
D. C. Watson and A. Bers, Third-Order Theory of Modified and Coalescent Laser-Plasma Instabilities

55th Annual Meeting, American Geophysical Union, Washington, D.C.
April 8-12, 1974

K. F. Kunzi, D. H. Staelin, and R. Wilcox, Effects of Sea State, Sea Temperature, and Atmospheric Water upon the Nimbus-5 Satellite Microwave Spectrometer Observations

American Association of Anatomists Meeting, New York
April 9-12, 1974

N. Y. S. Kiang and J. J. Guinan, Jr., Auditory Signal Transmission in the Feline Brain Stem

Ninth International Symposium on Remote Sensing of Environment, Environmental Research Institute of Michigan in cooperation with the University of Michigan, Ann Arbor, Michigan
April 15-19, 1974

K. F. Kunzi, R. L. Pettyjohn, D. H. Staelin, and J. W. Waters, Signatures of Various Earth Surfaces Measured by the Nimbus-5 Microwave Spectrometer

45th Annual Meeting, Eastern Psychological Association, Philadelphia, Pennsylvania
April 18-20, 1974

R. D. Hall, Position Habits, Choice Times, and Discrimination Learning

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MEETING PAPERS PRESENTED (continued)

Spring Meeting of the Chicago Linguistics Society, Chicago, Illinois
April 18-21, 1974
R. T. Oehrle, Some Remarks on The Painting of Rembrandt

1974 International Symposium on Circuits and System Theory, San Francisco, California
April 21-24, 1974
R. E. Crochiere, A New Statistical Approach to the Coefficient Word Length Problem for Digital Filters

American Neurotology Society Meeting, Palm Beach, Florida
April 22, 1974
P. B. Montandon, N. D. Megill, Amy R. Kahn, W. T. Peake, and N. Y. S. Kiang, Recording Auditory-Nerve Potentials as an Office Procedure
P. B. Montandon, N. T. Shepard, Elizabeth M. Marr, W. T. Peake, and N. Y. S. Kiang, Auditory-Nerve Potentials from Ear Canals of Patients with Otologic Problems

Optical Society of America Meeting, Washington, D. C.
April 22-25, 1974
L. A. Hackel, D. G. Youmans, and S. Ezekiel, High-Resolution Molecular Beam Spectroscopy
J. A. Kong, Optics of Biaxial Media
J. H. Shapiro, Isoplanatic Distance of the Turbulent Atmosphere

American Physical Society Meeting, Washington, D. C.
April 22-25, 1974
G. Bekefi, T. J. Orzechowski, and J. Golden, Magnetic Insulation of an Intense Relativistic Electron Beam

Symposium "Psychophysical Models and Physiological Facts in Hearing," Evangelische Academie, Tutzing, Munich, Germany
April 23-25, 1974
V. Nedzelnitsky, Measurements of Sound Pressure in the Cochlea of Anesthetized Cats (invited paper)

87th Meeting, Acoustical Society of America, New York, New York
April 23-26, 1974
D. W. Altmann and T. F. Weiss, Estimation of the Cochlear Microphonic Response to a Tone by Fourier Transformation of the Response to a Click
H. S. Colburn and J. S. Latimer, Symmetry Properties of Binaural Masked Detection Threshold with Respect to the Dependence on Interaural Time Delay and Interaural Amplitude Ratio of the Masker (p. S32)
W. L. Henke, Display and Interpretation of Glottal Activity as Transduced by External Accelerometers (p. S79)
MEETING PAPERS PRESENTED (continued)

A. W. F. Huggins, Temporally Segmented Speech IV: A Successful Replication after Three Failures
A. W. F. Huggins, An Effect of Syntax on Syllable-Timing
U. Ingard and V. K. Singhal, Radiation of Higher Order Acoustic Modes into a Moving Fluid in a Duct (p. S74)
J. S. Perkell, "Quasiphysiological" Tongue Model (p. S78)
W. M. Rabinowitz, P. J. Haughey, R. C. Johnston, and L. D. Braida, Overview of Some Recent Experiments on Pure-Tone Intensity Discrimination (p. S31)
E. Singer and L. D. Braida, Predictions of Equal-Loudness Functions from Absolute Identification Performance (p. S30)
Jacqueline Vaisssière, Generative Rules for French Prosody (p. S56)

First IEEE International Conference on Plasma Science, University of Tennessee, Knoxville, Tennessee
May 15-17, 1974
M. Simonutti and R. R. Parker, Field Structure in the Region of Mode Conversion near the Plasma Lower Hybrid Resonance

5ieme Journées d'Etudes sur la Parole, GALF., Paris, France
May 15-17, 1974
Jacqueline Vaisssière, Fundamental Frequency Contours in French Sentences

JOURNAL PAPERS ACCEPTED FOR PUBLICATION

(Reprints, if available, may be obtained from the Document Room, 36-412, Research Laboratory of Electronics, Massachusetts Institute of Technology, Cambridge, Massachusetts 02139)

M. Balooch and R. E. Stickney, Angular Distribution of H₂ Desorbed from the (100) and (110) Faces of Copper Crystals (Surface Sci.)
F. A. Bilsen and J. L. Goldstein, Pitch of Dichotically Delayed Noise and Its Possible Spectral Basis (J. Acoust. Soc. Am.)
C. Braccini and A. V. Oppenheim, Unequal Bandwidth Spectral Analysis Using Digital Frequency Warping (IEEE Trans. (AU))
N. Chomsky, Psychology and Ideology (Cognition)
N. Chomsky, Comments on Herrnstein's Response (Cognition)
N. Chomsky and J. J. Katz, Comments and Criticism – What the Linguist Is Talking About (J. Philos.)
R. Fiengo and H. Lasnik, The Logical Structure of Reciprocal Sentences in English (Foundations of Language)


E. R. Gruberg and R. Victoria Stirling, An Autoradiographic Study of Changes in the Frog Tectum after Cutting the Optic Nerve (Brain Res.)

E. R. Gruberg, Optic Fiber Projections of the Tiger Salamander Ambystoma tigrinum (J. Hirnforsch.)

M. Halle, Prolegomena to a Theory of Word Formation (Ling. Inquiry)

H. A. Haus, On Noise Analyses in Bulk Semiconductors (Solid State Electr.)


R. J. Hawryluk, G. Bekefi, and E. V. George, An Experimental Study of Forbidden Optical Transitions in a Dense, Laser-Produced Plasma (Phys. Rev.)


U. Ingard and V. K. Singhal, Radiation of High-Order Acoustic Modes into a Moving Fluid in a Duct (Abstract) (J. Acoust. Soc. Am.)

U. Ingard and V. K. Singhal, Upstream and Downstream Sound Radiation into a Moving Fluid (Current Physics Advance Abstracts)

C. C. Jaffe and K. Ellis, Angiocardiographic Quantitation of Ventricular Volume, Shape and Mass (Current Problems in Radiology)

J. J. Katz, Where Things Now Stand with the Analytic-Synthetic Distinction (Syntheses)

J. A. Kong, L. Tsang, and G. Simmons, Geophysical Subsurface Probing with Radio-Frequency Interferometry (IEEE Trans. (AP))


H. Lasnik and R. Fiengo, Complement Object Deletion (Ling. Inquiry)

J. W. McWane and D. E. Oates, Field Ionizers as Molecular Beam Detectors (Rev. Sci. Instr.)

R. M. Mersereau and A. V. Oppenheim, Digital Reconstruction of Multidimensional Signals from Their Projections (Proc. IEEE)

JOURNAL PAPERS ACCEPTED FOR PUBLICATION (continued)

D. O'Shaughnessy, Consonant Durations in Clusters (IEEE Trans. (ASSP))


W. F. Schreiber, A Laser/Dry Silver Facsimile System (TAPPI)

J. H. Shapiro, Optimum Adaptive Imaging through Atmospheric Turbulence (J. Appl. Opt.)


W. M. Siebert, Ranke Revisited -- A Simple Short-Wave Cochlear Model (J. Acoust. Soc. Am.)

L. Tsang and J. A. Kong, Electromagnetic Fields Due to a Horizontal Electric Dipole Antenna Laid on the Surface of a Two-Layer Medium (IEEE Trans. (AP))

I. T. Young, J. E. Walker, and J. E. Bowie, An Analysis Technique for Biological Shape -- I (Inform. Contr.)

LETTERS TO THE EDITOR ACCEPTED FOR PUBLICATION


C. W. Werner, E. V. George, P. W. Hoff, and C. K. Rhodes, Dynamic Model of High-Pressure Rare Gas Excimer Lasers (Appl. Phys. Letters)


SPECIAL PUBLICATIONS


A. Bers and C. F. F. Karney, Parametric Excitation of Ion Waves by Resonance-Cone Fields near the Lower Hybrid Frequency (Abstract) (Proc. Annual Meeting on Theoretical Aspects of Controlled Thermonuclear Research, Lawrence Berkeley Laboratory, University of California, Berkeley, California, April 3-5, 1974), p. 7

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SPECIAL PUBLICATIONS (continued)


B. Coppi, Anomalous Resistivity and Transport Due to Impurities in High-Temperature Plasmas (Abstract) (Proc. Annual Meeting on Theoretical Aspects of Controlled Thermonuclear Research, Lawrence Berkeley Laboratory, University of California, Berkeley, California, April 3-5, 1974), p. 18


J. E. McCune and K. U. von Hagenow, Nonlinear Rotational Instability of Tokamak Equilibria (Abstract) (Proc. Annual Meeting on Theoretical Aspects of Controlled Thermonuclear Research, Lawrence Livermore Laboratory, University of California, Berkeley, California, April 3-5, 1974), p. 59


D. M. Perlmutter, Evidence for the Cycle in Japanese, in Annual Bulletin No. 7 (1973), Research Institute of Logopedics and Phoniatrics, University of Tokyo, Japan, pp. 187-210


D. J. Sigmar and S. P. Hirshman, Ion Distribution Function in Near Collisionless Tokamak Plasmas (Abstract) (Proc. Annual Meeting on Theoretical Aspects of Controlled Thermonuclear Research, Lawrence Berkeley Laboratory, University of California, Berkeley, California, April 3-5, 1974), p. 80


