

PUBLICATIONS

A. Research Papers

- "Frequency Modulation and the Difference Limen for Frequency" - L.L. Feth, R. V. Wolf, and R.C. Bilger. J. Acoust. Soc. Amer. 45, 1430-1437 (1969).
- "Modification to Random Number Generator" - L.L. Feth and R. V. Wolf. DECUSCOPE 8, 17-18 (1969).
- "Auditory Signal Detection in Non-Gaussian Noise" - L.L. Feth (Ph.D. Dissertation, University of Pittsburgh, 1969).
- "A Pseudorandom Noise Generator for Use in Auditory Research" - L.L. Feth. Behav. Res. Meth. & Instru. 2, 169-171 (1970).
- "Combinations of Amplitude and Frequency Differences in Auditory Discrimination" - L.L. Feth. Acustica 26, 67-77 (1972).
- "Signal Detection as a Function of Contralateral Sinusoid-to-Noise Ratio" - W. A. Yost, M.J. Penner, and L.L. Feth. J. Acoust. Soc. Amer. 51, 1966-1970 (1972).
- "Frequency Discrimination of Complex Periodic Tones" - L.L. Feth. Perception and Psychophysics 15, 375-379 (1974).
- "Effects of Off-Frequency Detection in Brief Tone Audiometry" - M. Spence and L.L. Feth. J. Speech and Hearing Res. 17, 576-588 (1974).
- "Discriminability of Time-Reversed Click Pairs: Intensity Effects" - S. B. Resnick and L.L. Feth. J. Acoust. Soc. Amer. 57, 1493-1499 (1975).
- "Cross Modality Matching of Lingual Pressure to Loudness: Implications for Speech Production" - H.A. Leeper, Jr., L.L. Feth, and F.J. Appl. Perceptual and Motor Skills 46, 911-924 (1978).
- "Two-Tone Auditory Spectral Resolution" - L.L. Feth and H. O'Malley. J. Acoust. Soc. Amer. 62, 940-947 (1977).
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- "Mathematical Predictions of Electroacoustic Frequency Response of in situ Hearing Aids" - D. P. Egolf, D. R. Tree, and L.L. Feth. J. Acoust. Soc. Amer. 63, 264-271 (1978).
- "Relationship between Psychophysical Tuning Curves and 'Suppression'" - H. O'Malley and L.L. Feth. J. Acoust. Soc. Amer. 66, 1075-1087 (1979).
- "Hearing Aid Microphone Location Effects on Speech Discrimination in Noise" - J. R. Franks, L.L. Feth, and R.G. Daniloff. Ear and Hearing 2, 241-250 (1981).
- "Patterns of Residual Masking" - G. Kidd, Jr. and L.L. Feth. Hearing Research 5, 49-67 (1981).
- "A Programmable Rippled-Noise Generator for Auditory Research" - L.L. Feth and M.J. Donohue. Behav. Res. Meth. & Instru. 14, 9-12 (1982).
- "Pitch of Unresolved, Two-Component Complex Tones" - L.L. Feth, H. O'Malley, and J.W. Ramsey, Jr. J. Acoust. Soc. Amer. 72, 1403-1412 (1982).
- "Effects of Masker Duration in Pure-Tone Forward Masking" - G. Kidd, Jr. and L.L. Feth. J. Acoust. Soc. Amer. 72, 1384-1386 (1982).
- "Pitch of Narrow-Band Signals" - L.J. Stover and L.L. Feth. J. Acoust. Soc. Amer. 73, 1701-1707 (1983).

- "Characteristics of the Glottal Turbulent Noise Source" - R. E. Hillman, E. C. Oesterle, and L.L. Feth. J. Acoust. Soc. Amer. 74, 691-694 (1983).
- "Temporal Integration of Forward Masking in Listeners Having Sensorineural Hearing Loss" - G. Kidd, Jr., C.R. Mason, and L.L. Feth. J. Acoust. Soc. Amer. 75, 937-944 (1984).
- "Effects of Normal and Pathological Eardrum Impedance on Sound Pressure in the Aided Ear Canal: A Computer Simulation" - D. P. Egolf, L.L. Feth, W. A. Cooper, and J. R. Franks. J. Acoust. Soc. Amer. 78, 1281-1285 (1985).
- "The Relationship between the Human Frequency-Following Response and the Low Pitch of Complex Tones" - R. D. Chambers, L.L. Feth, and E.M. Burns. J. Acoust. Soc. Amer. 80, 1673-1680 (1986).
- "Effects of Intense Pure Tones on Auditory Temporal Acuity" - C.A. Champlin and L.L. Feth. Hearing Research, 34, 167-178 (1988).
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- "Masking of Low Frequency Signals by High Frequency, High Level Bands of Noise," H. Patra, C. M. Roup, and L. L. Feth, J. Acoust. Soc. Amer. 129, 876 – 887, (2011).
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- "Enhanced multi-channel model for auditory spectrotemporal integration," Oh, Y., Feth, L. L. & Hoglund, E. M., J. Acoust. Soc. Amer. 138, 2848 – 2859, (2015).
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B. Textbooks / Chapters

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Hearing Sciences: A Foundational Approach, J. D. Durrant and L.L Feth, Allyn & Bacon (2013).

"Applications of Computers in Audition" - L.L. Feth. Encyclopedia of Computer Science and Technology, Vol. II. J. Belzer, A.G. Holzman, and A. Kent (editors). Marcel Dekker Inc., New York (1975).

Commentary on "Absolute Timing of Mental Events" by G. Wasserman and K. Kong. Brain and Behavioral Sciences, Vol. 2, Oct. 1979.

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"Anatomy and Physiology of the Hearing Mechanism," S. V. Naidoo and L. L. Feth, Ch. 1 in Hearing for the Speech-Language Pathologist and Health Care Professional, Lida G. Wall, (editor), Butterworth-Heinemann, Boston (1995).

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C. Letters to the Editor

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D. Book Reviews

A review of "Basic Experimentation in Psychoacoustics" by Alan M. Richards, ASHA 19, 395, May 1977.

A review of "An Introduction to Hearing" by David M. Green, ASHA 19, 871, November 1977.

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