

## References

- Bakin, J. S. and Weinberger, N. M. (1990). Classical conditioning induces CS-specific receptive field plasticity in the auditory cortex of the guinea pig. *Brain Research*, **536**.
- Cariani, P. A. and Delgutte, B. (1996a). Neural correlates of the pitch of complex tones: I. Pitch and pitch salience. *Journal of Neurophysiology*, **76**, 698–716.
- Cariani, P. A. and Delgutte, B. (1996b). Neural correlates of the pitch of complex tones: II. Pitch shift, pitch ambiguity, phase invariance, pitch circularity, rate pitch, and the dominance region for pitch. *Journal of Neurophysiology*, **76**, 1717–1734.
- Cariani, P. A., Delgutte, B., and Kiang, N. Y. S. (1992). The pitch of complex sounds is simply coded in interspike interval distributions of auditory nerve fibers. *Society or Neuroscience Abstracts*, **18**, 383.
- Chung, D. Y. and Colavita, F. B. (1976). Periodicity pitch perception and its upper frequency limit in cats. *Perception and Psychophysics*, **20**, 433–437.
- Condon, C. D. and Weinberger, N. M. (1991). Habituation produces frequency-specific plasticity of receptive fields in the auditory cortex. *Behavioral Neuroscience*, **105**, 416–430.
- Creutzfeld, O., Hellweg, F. C., and Schreiner, C. (1980). Thalamocortical transformation of responses to complex auditory stimuli. *Experimental Brain Research*, **39**, 87–104.
- Deutsch, D., editor (1999). *The Psychology of Music*. Academic Press, San Diego, 2 edition.
- Espinosa, I. E. and Gerstein, G. L. (1988). Cortical auditory neuron interaction during presentation of 3-tone sequences: Effective connectivity. *Brain Research*, **450**, 39–50.
- Garner, W. R. (1974). *The processing of information and structure*. Erlbaum, Potomac, MD.
- Heffner, H. E. and Whitfield, I. C. (1976). Perception of the missing fundamental by cats. *Journal of the Acoustical Society of America*, **59**, 915–919.
- Hose, B., Langner, G., and Scheich, H. (1987). Topographic representation of periodicities in the forebrain of the mynah bird: One map for pitch and rhythm? *Brain Research*, **422**, 367–373.
- Knudsen, E. I. (1991). Dynamic space codes in the superior colliculus. *Current Opinion Neurobiology*, **1**, 628–632.
- Langner, G. (1992). Periodicity coding in the auditory system. *Hearing Research*, **60**(2), 115–142.

- Langner, G. and Schreiner, C. E. (1988). Periodicity coding in the inferior colliculus of the cat: I. Neuronal mechanisms. *Journal of Neurophysiology*, **60**, 1799–1822.
- Large, E. W. and Kolen, J. F. (1994). Resonance and the perception of musical meter. *Connection Science*, **6**, 177–208.
- Lerdahl, F. and Jackendoff, R. (1983). *A Generative Theory of Tonal Music*. MIT Press, Cambridge, MA.
- McKenna, T. M., Weinberger, N. M., and Diamond, D. M. (1989). Responses of single auditory cortical neurons to tone sequences. *Brain Research*, **481**, 142–153.
- Moore, B. C. J. (1997). *An Introduction to the Psychology of Hearing*. Academic Press, San Diego, fourth edition.
- Pantev, C., Hoke, M., Lutkenhoner, B., and Lehnertz, K. (1989). Tonotopic organization of the auditory cortex: Pitch versus frequency representation. *Science*, **246**(4929), 486–488.
- Pantev, C., Hoke, M., Lutkenhoner, B., and Lehnertz, K. (1991). Neuromagnetic evidence of functional organization of the auditory cortex in humans. *Acta Otolaryngologica Suppl.*, **491**, 106–115.
- Parncutt, R. (1994). A perceptual model of pulse salience and metrical accent in musical rhythms. *Music Perception*, **11**, 409–464.
- Povel, D.-J. and Essens, P. (1985). Perception of temporal patterns. *Music Perception*, **2**, 411–440.
- Robin, D. A., Abbas, P. J., and Hug, L. N. (1990). Neural responses to auditory temporal patterns. *Journal of the Acoustical Society of America*, **87**, 1673–1682.
- Scheirer, E. D. (2000). *Music Listening Systems*. Ph.D. thesis, MIT.
- Schreiner, C. E. and Langner, G. (1988). Periodicity coding in the inferior colliculus of the cat: II. Topographical organization. *Journal of Neurophysiology*, **60**, 1823–1840.
- Schreiner, C. E. and Sutter, M. L. (1992). Topography of excitatory bandwidth in cat primary auditory cortex: Single-neuron versus multiple-neuron recordings. *Journal of Neurophysiology*, **68**, 1487–1502.
- Schwartz, D. W. and Tomlinson, R. W. (1990). Spectral response patterns of auditory cortex neurons to harmonic complex tones in alert monkey (*macaca mulatta*). *Journal of Neurophysiology*, **64**(1), 282–298.
- Sigalovsky, I. (2002). Functional and structural MRI of the human auditory system. Lecture available online at <http://epl.meei.harvard.edu/~keh/cd846/Lecture12.pdf>.
- Sutter, M. L. and Schreiner, C. E. (1991). Physiology and topography of neurons with multip peaked tuning curves in cat primary auditory cortex. *Journal of Neurophysiology*, **65**, 1207–1226.

- Todd, N. P. (1994). The auditory “primal sketch”: A multiscale model of rhythmic grouping. *Journal of New Music Research*, **23**, 25–70.
- Weinberger, N. M. (1999). Music and the auditory system. In D. Deutsch, editor, *The Psychology of Music*, pages 47–87. Academic Press, San Diego, CA., second edition.
- Weinberger, N. M. and McKenna, T. M. (1988). Sensitivity of single neurons in auditory cortex to contour: Toward a neurophysiology of music perception. *Music Perception*, **5**, 355–390.
- Weinberger, N. M., Ashe, J. H., Metherate, R., McKenna, T. M., Diamond, D. M., and Bakin, J. S. (1990). Retuning auditory cortex by learning: A preliminary model of receptive field plasticity. *Concepts in Neuroscience*, **1**(1), 91–131.
- Whitfield, I. C. (1980). Auditory cortex and the pitch of complex tones. *Journal of the Acoustical Society of America*, **67**(2), 644–647.