

## Lawrence E. Marks

### JOURNAL ARTICLES

1. Marks, L.E., & Miller, G.A. (1964). The role of semantic and syntactic constraints in the memorization of English sentences. *Journal of Verbal Learning and Verbal Behavior*, **3**, 1-5.
  - a. Reprinted in: (1966). D. H. Kausler (Ed.), *Verbal Learning: Contemporary Theory and Research* (pp. 346-350). New York: Wiley.
  - b. Reprinted in: (1969). L. Postman and G. Keppel (Eds.), *Verbal Learning and Memory* (pp. 254-262). New York: Penguin.
2. Stevens, J.C., & Marks, L.E. (1965). Cross-modality matching of brightness and loudness. *Proceedings of the National Academy of Sciences*, **54**, 407-411.
3. Marks, L.E., & Stevens, J.C. (1966). Individual brightness functions. *Perception & Psychophysics*, **1**, 17-24.
4. Marks, L.E. (1966). Brightness as a function of retinal locus. *Perception & Psychophysics*, **1**, 335-341.
5. Marks, L.E., & Slawson, A.W. (1966). Direct test of the power function for loudness. *Science*, **154**, 1036-1037.
6. Marks, L.E. (1967). Judgments of grammaticalness of some English sentences and semi-sentences. *American Journal of Psychology*, **80**, 196-204.
7. Marks, L.E. (1967). Some structural and sequential factors in the processing of sentences. *Journal of Verbal Learning and Verbal Behavior*, **6**, 707-713.
8. Stevens, J.C., & Marks, L.E. (1967). Apparent warmth as a function of thermal irradiation. *Perception & Psychophysics*, **2**, 613-619.
9. Marks, L.E. (1968). Brightness as a function of retinal locus in the light-adapted eye. *Vision Research*, **8**, 525-535.
10. Adair, E.R., Stevens, J.C., & Marks, L.E. (1968). Thermally induced pain, the dol scale, and the psychophysical power law. *American Journal of Psychology*, **81**, 147-164.
11. Marks, L.E. (1968). Scaling of grammaticalness of self-embedded English sentences. *Journal of Verbal Learning and Verbal Behavior*, **7**, 965-967.
12. Marks, L.E., & Stevens, J.C. (1968). Perceived warmth and skin temperature as functions of the duration and level of thermal irradiation. *Perception & Psychophysics*, **4**, 220-228.
13. Marks, L.E., & Stevens, J.C. (1968). The form of the psychophysical function near threshold. *Perception & Psychophysics*, **4**, 315-318.
14. Marks, L.E. (1968). Stimulus range, number of categories, and form of the category scale. *American Journal of Psychology*, **81**, 467-479.

Reprinted in: (1972) Cain, W.S., & Marks, L.E. (Eds.), *Stimulus and Sensation: Readings in Sensory Psychology*. Boston: Little, Brown.

15. Stevens, J.C., Marks, L.E., & Gagge, A.P. (1969). The quantitative assessment of thermal discomfort. *Environmental Research*, **2**, 149-165.
16. Bothe, G.G., & Marks, L.E. (1970). Absolute sensitivity to white noise under auxiliary visual stimulation. *Perception & Psychophysics*, **8**, 176-178.
17. Marks, L.E. (1970). Apparent depth of modulation as a function of frequency and amplitude of temporal modulations of luminance. *Journal of the Optical Society of America*, **60**, 970-977.
18. Marks, L.E. (1971). Brightness and retinal locus: Effects of target size and spectral composition. *Perception & Psychophysics*, **9**, 26-30.
19. Stevens, J.C., & Marks, L.E. (1971). Spatial summation and the dynamics of warmth sensation. *Perception & Psychophysics*, **9**, 391-398.
20. Marks, L.E. (1971). Spatial summation in relation to the dynamics of warmth sensation. *International Journal of Biometeorology*, **15**, 106-110
21. Marks, L.E., & Cain, W.S. (1972). Perception of intervals and magnitudes for three prothetic continua. *Journal of Experimental Psychology*, **94**, 6-17.
22. Stevens, J.C., & Marks, L.E. (1972). Brightness function: Role of the pupil. *Perception & Psychophysics*, **6**, 403-405.
23. Marks, L.E. (1972). Visual brightness: Some applications of a model. *Vision Research*, **12**, 1409-1423.
24. Marks, L.E., & Stevens, J.C. (1972). Perceived cold and skin temperature as functions of stimulation level and duration. *American Journal of Psychology*, **85**, 407-419.
25. Bornstein, M.H., & Marks, L.E. (1972). Photopic luminosity measured by the method of critical frequency. *Vision Research*, **12**, 2023-2033.
26. Marks, L.E. (1973). Brightness and equivalent intensity of intrinsic light. *Vision Research*, **13**, 372-382.
27. Marks, L.E., & Stevens, J.C. (1973). Spatial summation of warmth: Influence of duration and configuration of the stimulus. *American Journal of Psychology*, **86**, 251-267.
28. Marks, L.E., & Bornstein, M.H. (1973). Spectral sensitivity by constant CFF: Effect of chromatic adaptation. *Journal of the Optical Society of America*, **63**, 220-226.
29. Bornstein, M.H., & Marks, L.E. (1973). Studies on spectral sensitivity as measured by a procedure of flicker threshold. *Journal of the American Academy of Optometry*, **50**, 376-382.
30. Stevens, J.C., Okulicz, W.C., & Marks, L.E. (1973). Temporal summation at the warmth threshold. *Perception & Psychophysics*, **14**, 307-312.
31. Marks, L.E., & Stevens, J.C. (1973). Temporal summation related to the nature of the proximal stimulus for the warmth sense. *Perception & Psychophysics*, **14**, 570-576.
32. Marks, L.E. (1974). On associations of light and sound: The mediation of brightness, pitch, and loudness. *American Journal of Psychology*, **87**, 173-188.

33. Marks, L.E., & Gonzalez, R.R. (1974). Skin temperature modifies the pleasantness of thermal stimuli. *Nature*, **247**, 473-475.
34. Marks, L.E., & Bornstein, M.H. (1974). Spectral sensitivity of the modulation-sensitive mechanism of vision. *Vision Research*, **14**, 665-669.
35. Stevens, J.C., Marks, L.E., & Simonson, D. (1974). Regional sensitivity and spatial summation in the warmth sense. *Physiology & Behavior*, **13**, 825-836.
36. Marks, L.E. (1974). On scales of sensation: Prolegomena to any future psychophysics that will be able to come forth as science. *Perception & Psychophysics*, **16**, 358-376.
37. Marks, L.E. (1974). Blue-sensitive cones can mediate brightness. *Vision Research*, **14**, 1493-1494.
38. Marks, L.E. (1975). On colored-hearing synesthesia: Cross-modal translations of sensory dimensions. *Psychological Bulletin*, **82**, 303-331.  
     Reprinted in: (1997). S. Baron-Cohen & J. E. Harrison (Eds.), *Synaesthesia: Classic and Contemporary Readings* (pp. 49-98). Oxford: Blackwell.
39. Taus, R.H., Stevens, J.C., & Marks, L.E. (1975). Spatial localization of warmth. *Perception & Psychophysics*, **19**, 194-196.
40. Marks, L.E., Stevens, J.C., & Tepper, S.J. (1976). Interaction of spatial and temporal summation in the warmth sense. *Sensory Processes*, **1**, 87-98.
41. Aylor, D.E., & Marks, L.E. (1976). Perception of noise transmitted through barriers. *Journal of the Acoustical Society of America*, **59**, 397-400.
42. Marks, L.E. (1977). Relative sensitivity and possible psychophysical laws. *Sensory Processes*, **1**, 301-315.
43. Marks, L.E. (1978). Binaural summation of the loudness of pure tones. *Journal of the Acoustical Society of America*, **64**, 107-113.
44. Marks, L.E. (1978). A critique of Dawson and Miller's "Inverse attribute functions and the proposed modifications of the power law." *Perception & Psychophysics*, **24**, 569-570.
45. Marks, L.E. (1979). Sensory and cognitive factors in judgments of loudness. *Journal of Experimental Psychology: Human Perception and Performance*, **5**, 426-443.
46. Marks, L.E. (1979). A theory of loudness and loudness judgments. *Psychological Review*, **86**, 256-285.
47. Stevens, J.C., & Marks, L.E. (1979). Spatial summation of cold. *Physiology & Behavior*, **22**, 541-547.
48. Marks, L.E., & Bartoshuk, L.M. (1979). Ratio scaling of taste intensity by a matching procedure. *Perception & Psychophysics*, **26**, 335-339.
49. Marks, L.E. (1979). Summation of vibrotactile intensity: An analog to auditory critical bands? *Sensory Processes*, **3**, 188-203.
50. Marks, L.E. (1980). Psychophysical judgment: Wundt's theory revisited. *Psychological Research*, **42**, 157-164.

51. Marks, L.E. (1980). Binaural summation of loudness: Noise and two-tone complexes. *Perception & Psychophysics*, **27**, 489-498.
52. Stevens, J.C., & Marks, L.E. (1980). Cross-modality matching functions generated by the method of magnitude estimation. *Perception & Psychophysics*, **27**, 379-389.
53. Marks, L.E. (1982). Synesthetic perception and poetic metaphor. *Journal of Experimental Psychology: Human Perception and Performance*, **8**, 15-23.
54. Marks, L.E. (1982). Bright sneezes and dark coughs, loud sunlight and soft moonlight. *Journal of Experimental Psychology: Human Perception and Performance*, **8**, 177-193.
55. Gray, L., Stevens, J.C., & Marks, L.E. (1982). Thermal stimulus thresholds: Sources of variability. *Physiology & Behavior*, **29**, 355-360.
56. Girvin, J.P., Marks, L.E., Antunes, J.L., Quest, D.O., O'Keefe, M.D., Ning, P., & Dobelle, W.H. (1982). Electrocutaneous stimulation. I. The effects of stimulus parameters on absolute threshold. *Perception & Psychophysics*, **32**, 524-528.
57. Marks, L.E., Girvin, J.P., Quest, D.O., Antunes, J.L., Ning, P., O'Keefe, M.D., & Dobelle, W.H. (1982). Electrocutaneous stimulation. II. The estimation of distance between two points. *Perception & Psychophysics*, **32**, 529-536.
58. Marks, L.E., Girvin, J.P., O'Keefe, M.D., Ning, P., Quest, D.O., Antunes, J.L., & Dobelle, W.H. (1982). Electrocutaneous stimulation. III. The perception of temporal order. *Perception & Psychophysics*, **32**, 537-541.
59. Marks, L.E. (1983). Similarities and differences among the senses. *International Journal of Neuroscience*, **19**, 1-11.
60. Marks, L.E., Borg, G., & Ljunggren, G. (1983). Individual differences in perceived exertion assessed by two new methods. *Perception & Psychophysics*, **34**, 280-288.
61. Borg, G.A.V., & Marks, L.E. (1983). Twelve meanings of the measure constant in psychophysical power functions. *Bulletin of the Psychonomic Society*, **21**, 73-75.
62. Alexander, B., & Marks, L.E. (1983). Aesthetic preference and resemblance of personality to paintings. *Bulletin of the Psychonomic Society*, **21**, 384-386.
63. Algom, D., & Marks, L.E. (1984). Individual differences in loudness processing and loudness scales. *Journal of Experimental Psychology: General*, **113**, 571-593.
64. Jones, B.L., & Marks, L.E. (1985). Picture quality assessment: A comparison of ratio and ordinal scales. *Society of Motion Picture and Television Engineers Journal*, **94**, 1244-1248.
65. Kauschansky, A., Seyler, L.E. Jr., Marks, L.E., Cain, W.S., & Genel, M. (1986). Familial Kallmann's Syndrome with autosomal dominant inheritance, variable gonadotropin deficiency and subtle color vision defects. *International Journal of Adolescent Medicine and Health*, **2**, 81-97.
66. Marks, L.E. (1986). Context and sensory processes: In search of basic laws. *Cahiers de Psychologie Cognitive*, **6**, 121-136.
67. Bartoshuk, L.M., Rifkin, B., Marks, L.E., & Bars, P. (1986). Taste and aging. *Journal of Gerontology*, **41**, 51-57.

68. Marks, L.E., Szczesiul, R., & Ohlott, P. (1986). On the cross-modal perception of intensity. *Journal of Experimental Psychology: Human Perception and Performance*, **12**, 517-534.
69. Marks, L.E., Hammeal, R.J., & Bornstein, M.H. (1987). Perceiving similarity and comprehending metaphor. *Monographs of the Society for Research in Child Development*, **42** (1, Serial No. 215), 1-91.
70. Marks, L.E. (1987). Binaural versus monaural loudness: Supersummation of tone partially masked by noise. *Journal of the Acoustical Society of America*, **81**, 122-128.
71. Marks, L.E. (1987). On cross-modal similarity: Perceiving temporal patterns by hearing, touch, and vision. *Perception & Psychophysics*, **42**, 250-256.
72. Marks, L.E. (1987). On cross-modal similarity: Auditory-visual interactions in speeded discrimination. *Journal of Experimental Psychology: Human Perception and Performance*, **13**, 384-394.
73. Marks, L.E., Stevens J.C., Bartoshuk, L.M., Gent, J.F., Rifkin, B., & Stone, V.K. (1988). Magnitude-matching: The measurement of taste and smell. *Chemical Senses*, **13**, 63-87.
74. Marks, L.E. (1988). Magnitude estimation and sensory matching. *Perception & Psychophysics*, **43**, 511-525.
75. Bartoshuk, L.M., Rifkin, B., Marks, L.E., & Hooper, J. (1988). Bitterness of KCl and benzoate: Related to genetic status for sensitivity to PTC/PROP. *Chemical Senses*, **13**, 517-528. 1989.
76. Algom, D., & Marks, L.E. (1989). Memory psychophysics for taste. *Bulletin of the Psychonomic Society*, **27**, 257-259.
77. Marks, L.E. (1989). On cross-modal similarity: The perceptual structure of pitch, loudness, and brightness. *Journal of Experimental Psychology: Human Perception and Performance*, **15**, 586-602.
78. Melara, R.D., & Marks, L.E. (1990). Perceptual primacy of dimensions: Support for a model of dimensional interaction. *Journal of Experimental Psychology: Human Perception and Performance*, **16**, 398-414.
79. Melara, R.D., & Marks, L.E. (1990). HARD and SOFT interacting dimensions: Differential effects of dual context on classification. *Perception & Psychophysics*, **47**, 307-325.
80. Melara, R.D., & Marks, L.E. (1990). Dimensional interaction in language processing: Investigating directions and levels of crosstalk. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, **16**, 539-554.
81. Algom, D., & Marks, L.E. (1990). Range and regression, loudness processing and loudness scales: Toward a context-bound psychophysics. *Journal of Experimental Psychology: Human Perception and Performance*, **16**, 706-727.
82. Melara, R.D., & Marks, L.E. (1990). Processes underlying dimensional interactions: Correspondences between linguistic and nonlinguistic dimensions. *Memory & Cognition*, **18**, 477-495.

83. Melara, R.D., & Marks, L.E. (1990). Interaction among auditory dimensions: Loudness, pitch, and timbre. *Perception & Psychophysics*, **48**, 169-178.
84. Marks, L.E. (1991). Reliability of magnitude matching. *Perception & Psychophysics*, **49**, 31-37.
85. Marks, L.E., Algom, D., & Benoit, J.-P. (1991). Dichotic summation of loudness of narrowly-spaced components. *Bulletin of the Psychonomic Society*, **29**, 62-64.
86. Algom, D., Marks, L.E., & Wiesenfeld, D. (1991). Tapping the social psychology of psychophysical experiments: Mode of responding does not alter statistical properties of magnitude estimates. *Bulletin of the Psychonomic Society*, **29**, 226-228.
87. Marks, L.E., & Warner, E. (1991). Slippery context effect and critical bands. *Journal of Experimental Psychology: Human Perception and Performance*, **17**, 986-996.
88. Rankin, K.M., & Marks, L.E. (1991). Differential context effects in taste perception. *Chemical Senses*, **16**, 617-629.
89. Marks, L.E. (1992). The slippery context effect in psychophysics: Intensive, extensive, and qualitative continua. *Perception & Psychophysics*, **51**, 187-198.
90. Melara, R.D., Marks, L.E., & Lesko, K.E. (1992). Optional processes in similarity judgments. *Perception & Psychophysics*, **51**, 123-133.
91. Marks, L.E. (1992). The contingency of perceptual processing: Context modifies equal-loudness relations. *Psychological Science*, **3**, 285-291.
92. Rankin, K.M., & Marks, L.E. (1992). Effects of context on sweet and bitter tastes: Unrelated to sensitivity to PROP (6-n-propylthiouracil). *Perception & Psychophysics*, **52**, 479-486.
93. Marks, L.E., Borg, G., & Westerlund, J. (1992). Differences in taste perception assessed by magnitude matching and by category-ratio scaling. *Chemical Senses*, **17**, 493-506.
94. Marks, L.E. (1993). Contextual processing of multidimensional and unidimensional auditory stimuli. *Journal of Experimental Psychology: Human Perception and Performance*, **19**, 227-249.
95. Melara, R.D., Potts, B.C., & Marks, L.E. (1993). Primacy of dimensions in color perception. *Journal of Experimental Psychology: Human Perception and Performance*, **19**, 1082-1104.
96. Melara, R.D., Potts, B.C., & Marks, L.E. (1993). Early-holistic processing or dimensional similarity? *Journal of Experimental Psychology: Human Perception and Performance*, **19**, 1114-1120.
97. Algom, D., Marks, L.E., & Cain, W.S. (1993). Memory psychophysics for chemosensation. *Chemical Senses*, **18**, 151-160.
98. Marks, L.E. (1994). "Recalibrating" the auditory system: The perception of loudness. *Journal of Experimental Psychology: Human Perception and Performance*, **20**, 382-396.
99. Ben-Artzi, E., & Marks, L.E. (1995). Visual-auditory interaction in speeded classification: Role of stimulus difference. *Perception & Psychophysics*, **57**, 1151-1162.

100. Marks, L.E., Galanter, E., & Baird, J.C. (1995). Binaural summation after learning psychophysical functions for loudness. *Perception & Psychophysics*, **57**, 1209-1216.
101. Marks, L.E. (1996). On perceptual metaphors. *Metaphor and Symbolic Activity*, **11**, 39-66.
102. Marks, L.E. (1996). Recalibrating the perception of loudness: Interaural transfer. *Journal of the Acoustical Society of America*, **100**, 473-480.
103. Armstrong, L., & Marks, L.E. (1997). Stimulus context, perceived length, and the horizontal-vertical illusion. *Perception & Psychophysics*, **59**, 1200-1213.
104. Potts, B.C., Melara, R.D., & Marks, L.E. (1998). Circle size and diameter tilt: A new look at integrality and separability. *Perception & Psychophysics*, **60**, 101-112. (PMID: 9503915)
105. Marks, L.E., & Wheeler, M.E. (1998). Attention and the detectability of weak taste stimuli. *Chemical Senses*, **23**, 19-29. (PMID: 9530966)
106. Stevens, J.C., Cruz, L.A., Marks, L.E., & Lakatos, S. (1998). A multimodal assessment of sensory thresholds in aging. *Journal of Gerontology: Psychological Sciences*, **53B**, P263-P272. (PMID: 9679518)
107. Lakatos, S., & Marks, L.E. (1998). Haptic underestimation of angular extent. *Perception*, **27**, 737-754. (PMID: 10197190)
108. Ben-Artzi, E., & Marks, L.E. (1999). Processing linguistic and perceptual dimensions of speech: Interactions in speeded classification. *Journal of Experimental Psychology: Human Perception and Performance*, **25**, 1-17. (PMID: 10385980)
109. Lakatos, S., & Marks, L.E. (1999). Haptic form perception: Relative salience of local and global features. *Perception & Psychophysics*, **61**, 895-908. (PMID: 10499002)
110. Armstrong, L., & Marks, L.E. (1999) Haptic perception of linear extent. *Perception & Psychophysics*, **61**, 1211-1226. (PMID: 10497438)
111. Hettinger, T.P., Gent, J.F., Marks, L.E., & Frank, M. (1999). A confusion matrix for the study of taste perception. *Perception & Psychophysics*, **61**, 1510-1521. (PMID: 10598466)
112. Martino, G., & Marks, L.E. (1999). Perceptual and linguistic interactions in speeded classification: Tests of the semantic coding hypothesis. *Perception*, **28**, 903-923. (PMID: 10664781)
113. Gent, J.F., Hettinger, T.P., Frank, M.E., & Marks, L.E. (1999). Taste confusions following gymnemic acid rinse. *Chemical Senses*, **24**, 393-404. (PMID: 10480675)
114. Martino, G., & Marks, L.E. (2000). Cross-modal interaction between vision and touch: The role of synesthetic correspondence. *Perception*, **29**, 745-754. (PMID: 11040956)
115. Rankin, K.M., & Marks, L.E. (2000). Chemosensory context effects: Role of perceived similarity and neural commonality. *Chemical Senses*, **25**, 747-759. (PMID: 11114153)

116. Martino, G., & Marks, L.E. (2001). Synesthesia: Strong and weak. *Current Directions in Psychological Science*, **10**, 61-65.
117. Ariei, Y., & Marks, L.E. (2002). Context effects in visual length perception: Role of ocular, retinal, and spatial location. *Perception & Psychophysics*, **64**, 478-492. (PMID: 12049287)
118. Jiang, Y., Chun, M.M., & Marks, L.E. (2002). Visual marking: Dissociating effects of new and old set size. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, **28**, 293-302. (PMID: 11911385)
119. Jiang, Y., Chun, M.M., & Marks, L.E. (2002). Visual marking: Selective attention to asynchronous temporal groups. *Journal of Experimental Psychology: Human Perception and Performance*, **28**, 717-730. (PMID: 12075898)
120. Marks, L.E. (2003). The role of attention in chemosensation. *Food Quality and Preference*, **14**, 147-155.
121. Odgaard, E., Ariei, Y. & Marks, L.E. (2003). Cross-modal enhancement of perceived brightness: Sensory interaction versus response bias. *Perception & Psychophysics*, **65**, 123-132. (PMID: 12699315)
122. Ariei, Y., & Marks, L.E. (2003). Recalibrating the auditory system: A speed-accuracy analysis of intensity perception. *Journal of Experimental Psychology: Human Perception and Performance*, **29**, 523-536. (PMID: 12848324)
123. Marks, L.E., Ben-Artzi, E., & Lakatos, S. (2003). Cross-modal interactions in auditory and visual discrimination. *International Journal of Psychophysiology*, **50**, 125-145. (PMID: 14511841)
124. Ariei, Y., & Marks, L.E. (2003). Time course of loudness recalibration: Implications for loudness enhancement. *Journal of the Acoustical Society of America*, **114**, 1550-1556. (PMID: 14514208)
125. Ashkenazi, A., Fritz, M., Buckley, J., & Marks, L.E. (2004). The Temporal Automated System for Taste Experiments (TASTE). *Behavior Research Methods, Instruments, & Computers*, **36**, 83-88. (PMID: 1519070)
126. Marks, L. (2004). Utilitarismo: Uma perspectiva psicofísica [Utilitarianism: A psychophysical perspective]. *Paidéia – Cadernos de Psicologia e Educação*, **14**, 9-16.
127. Ashkenazi, A., & Marks, L.E. (2004). Effect of endogenous attention on detection of weak gustatory and olfactory flavors. *Perception & Psychophysics*, **66**, 596-608. (PMID: 15311659)
128. Odgaard, E.C., Ariei, Y., & Marks, L.E. (2004). Brighter noise: Sensory enhancement of perceived loudness by concurrent visual stimulation. *Cognitive, Affective, & Behavioral Neuroscience*, **4**, 127-132. (PMID: 15460919)
129. Ross, D.A., Olson, I.J., Marks, L.E., & Gore, J. C. (2004). A nonmusical paradigm for identifying absolute pitch possessors. *Journal of the Acoustical Society of America*, **116**, 1793-1799. (PMID: 15478446)



130. Bartoshuk, L.M., Duffy, B.V., Green, B.G., Hoffman, H.J., Ko, C.-W., Lucchina, L.A., Marks, L.E., Snyder, D.J., & Weiffenbach, J.M. (2004). Valid across-group comparisons with labeled scales: the gLMS versus magnitude matching. *Physiology & Behavior*, **82**, 109-114. (PMID: 1523459)
131. Arieih, Y., Kelly, K., & Marks, L.E. (2005). Tracking the time to recovery after induced loudness reduction. *Journal of the Acoustical Society of America*, **117**, 3381-3384. (PMID: 16018440)
132. Ross, D.A., Gore, J.C., & Marks, L.E. (2005). Absolute pitch: Music and beyond. *Epilepsy & Behavior*, **7**, 578-601. (PMID: 16103017)
133. Marks, L.E., & Arieih, Y. (2006). Differential effects of stimulus context in sensory processing. *European Review of Applied Psychology*, **56**, 213-221.
134. Pollack, R.A., Carter, A., Amir, N., & Marks, L.E. (2006). Anxiety sensitivity and auditory perception of heart beat. *Behaviour Research and Therapy*, **44**, 1739-1756. (PMID: 1651308)
135. Ittyerah, M., & Marks, L.E. (2007). Memory for curvature: Haptic touch versus vision. *British Journal of Psychology*, **98**, 589-610.  
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2258210/>
136. Arieih, Y., & Marks, L.E. (2007). Post-transient shifts in auditory lateralization. *Perception & Psychophysics*, **69**, 523-528. (PMID: 17727105)
137. Marks, L.E., Elgart, B.Z., Burger, K., & Chakwin, E.M. (2007). Human flavor perception: Application of information integration theory. *Teorie & Modelli*, **12**, 121-132. (PMCID: PMC2600858) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2600858/>
138. Ittyerah, M., & Marks, L.E. (2008). Intramodal and cross-modal discrimination of curvature: Haptic touch versus vision. *Current Psychology Letters*, **24**, 1-11 (published online 12 February 2008; <http://cpl.revues.org/document3333.html>).  
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2394860/>
139. Arieih, Y., & Marks, L.E. (2008). Cross-modal interaction between vision and hearing: A speed-accuracy analysis. *Perception & Psychophysics*, **70**, 412-421. (PMID: 18459251)
140. Wang, M.-F., Marks, L.E., & Frank, M.E. (2009). Taste coding after selective inhibition by chlorhexidine. *Chemical Senses*, **34**, 653-666.  
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2745350/>
141. Arieih, Y., & Marks, L.E. (2010). Post-transient shifts in auditory lateralization: Effects of stimulus level. *Journal of the Acoustical Society of America*, **127**, 1-4. (PMID: 20058943)
142. Veldhuizen, M.G., Shepard, T.G., Wang, M.-F., & Marks, L.E. (2010). Coactivation of gustatory and olfactory signals in flavor perception. *Chemical Senses*, **35**, 121-133. <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2805810/>
143. Marks, L.E. (2011). Synesthesia: Then and now. *Intellectica* [Journal of the French Association for Cognitive Research], **55**, 47-80.

144. Marks, L.E., Shepard, T.G., Burger, K., & Chakwin, E.M. (2012) Flavor-intensity perception: Effects of stimulus context. *Physiology & Behavior*, **105**, 443-450. (PMCID: PMID:21930139) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3225720/>
145. Marks, L.E., Veldhuizen, M.G., Shepard, T.G., & Shavit, A.Y. (2012). Detecting gustatory-olfactory flavor mixtures: Models of probability summation. *Chemical Senses*, **37**, 263-277. <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3278677/> PMID: 22075720)
146. Brewer, J.M., Shepard, T.G., Shavit, A.Y., Veldhuizen, M.G., Parikh, R., & Marks, L.E. (2013). Identification of gustatory-olfactory flavors mixtures: Effects of linguistic labeling. *Chemical Senses*, **38**, 305-313. (PMCID: PMC3629875).
147. Marks, L.E., & Mulvenna, C.M. (2013). Synesthesia, at and near its borders. *Frontiers in Cognitive Science* (online) doi: 10.3389/fpsyg.2013.00651 [http://www.frontiersin.org/cognitive\\_science/10.3389/fpsyg.2013.00651/full](http://www.frontiersin.org/cognitive_science/10.3389/fpsyg.2013.00651/full)
148. Marks, L.E., & Mulvenna, C.M. (2013). Synesthesia on our mind. *Theoria et Historia Scientiarum*, **10**, 13-35.
149. Eitan, Z., Schupak, A., Gotler, A., & Marks, L.E. (2014). Lower pitch is larger, yet falling pitches shrink: Interaction of pitch change and size change in speeded discrimination. *Experimental Psychology*, **61**, 273-284.
150. Shepard, T.G., Veldhuizen, M.G., & Marks, L.E. (2015). Response times to gustatory-olfactory flavor mixtures: Role of congruence. *Chemical Senses*, **40**, 565-575. (PMCID: PMC4675834).
151. Hallowell, E.S., Parikh, R., Veldhuizen, M.G., & Marks, L.E. (2016). Flavor identification and intensity: Effects of stimulus context. *Chemical Senses*, **41**, 249-259. (PMCID: PMC3225720).
152. Velasco, C., Woods, A.T., Marks, L.E., Cheok, A.D, & Spence, C. (2016). The semantic basis of taste-shape associations. *PeerJ*, 4:e1644 (online). <http://peerj.com/articles/1644/> (PMCID: PMC4783761)

## IN PREPARATION

1. Siddique, A.H., Rosenthal, S., Veldhuizen, M.G., & Marks, L.E. Perceptual interactions between lemon flavor and sweet and sour tastes
2. Marks, L.E. Detecting and identifying taste (and flavor) stimuli. 1. A decision-theoretic framework.
3. Marks, L.E., Shepard, T.G., Veldhuizen, M.G. Detecting and identifying taste (and flavor) stimuli. 2. Identifying gustatory stimuli below their detection threshold.
4. Shepard, T.G., Shavit, A.Y., Veldhuizen, M.G., & Marks L.E. Contextual effects in judgments of taste intensity.

## BOOKS

- B1. Cain, W.S., & Marks, L.E. (Eds.) (1971). *Stimulus and Sensation: Readings in Sensory Psychology*. Boston: Little, Brown.
- B2. Marks, L.E. (1974). *Sensory Processes: The New Psychophysics*. New York: Academic Press.
- B3. Marks, L.E. (1978). *The Unity of the Senses: Interrelations among the Modalities*. New York: Academic Press.

## BOOK CHAPTERS

- BC1. Stevens, J.C., Adair, E.R., & Marks, L.E. (1970). Pain, discomfort, and warmth as functions of thermal intensity. In J.D. Hardy, J.A.J. Stolwijk, and A.P. Gagge (Eds.), *Physiological and Behavioral Temperature Regulation* (pp. 892-904). Springfield, IL: Charles Thomas.
- BC2. Marks, L.E. (1974). Spatial summation in the warmth sense. In H.R. Moskowitz, B. Scharf, and J.C. Stevens (Eds.), *Sensation and Measurement: Papers in Honor of S.S. Stevens* (pp. 369-378). Dordrecht, Holland: Reidel.
- BC3. Marks, L.E. (1977). *Phonion*. Loudness scales and the processing of auditory intensity. In N.J. Castellan and F. Restle (Eds.), *Cognitive Theory*, Vol. 3 (pp. 7-31). Hillsdale, NJ: Erlbaum.
- BC4. Marks, L.E. (1978). Multimodal perception. In E.C. Carterette and M.P. Friedman (eds.), *Handbook of Perception*. Vol. 8. *Perceptual Coding* (pp. 321-339). New York: Academic Press.
- BC5. Marks, L.E., & Stevens, J.C. (1980). Measuring sensation in the aged. In L.W. Poon (Ed.), *Aging in the 1980's: Psychological Issues* (pp. 592-598). Washington, DC: American Psychological Association.
- BC6. Marks, L.E. (1982). Psychophysical measurement: Procedures, tasks, scales. In B. Wegener (Ed.), *Social Attitudes and Psychophysical Measurement* (pp. 43-71). Hillsdale, NJ: Erlbaum.
- BC7. Marks, L.E. (1983). Categories of perceptual experience: A psychophysicist peruses synesthetic metaphor. In H.-G. Geissler and V. Sarris (Eds.), *Modern Issues in Perception* (pp. 336-353). Berlin, GDR: VEB Deutscher Verlag der Wissenschaften.
- BC8. Marks, L.E., (1984). Synesthesia and the arts. In W.R. Crozier and C.R. Chapman (Eds.), *Cognitive Processes in the Perception of Art* (pp. 427-447). Amsterdam: North Holland.
- BC9. Marks, L.E. (1984). Psychology and physics: An historical perspective. In M.H. Bornstein (Ed.), *Psychology and its Allied Disciplines*. Vol. 3. *The Natural Sciences* (pp. 229-264). Hillsdale, NJ: Erlbaum.
- BC10. Marks, L.E. (1985). Multidimensional scaling in the assessment of cross-modal similarity. In E.E. Roskam (Ed.), *Measurement and Personality Assessment. Proceedings of the XXIII International Congress of Psychology: Experimental-General* (pp. 165-177). Amsterdam: Elsevier.

- BC11. Marks, L.E. (1986). Measuring individual differences by cross-modal comparison. In G. Borg and D. Ottoson (Eds.), *The Perception of Physical Work* (pp. 15-26). London: Macmillan.
- BC12. Bartoshuk, L.M., & Marks, L.E. (1986). Ratio scaling. In H.L. Meiselman and R.S. Rivlin (Eds.), *Clinical Measurement of Taste and Smell* (pp. 50-65). New York: Macmillan.
- BC13. Marks, L.E., & Bornstein, M.H. (1987). Sensory similarities: Classes, characteristics, and cognitive consequences. In R.E. Haskell (Ed.), *Cognition and Symbolic Structures: The Psychology of Metaphoric Transformation* (pp. 49-65). Norwood, NJ: Ablex.
- BC14. Marks, L.E. (1989). For hedgehogs and foxes: Individual differences in the perception of cross-modal similarity. In S. Dornic and G. Ljunggren (Eds.), *Psychophysics in Action* (pp. 55-65). London: Springer Verlag.
- BC15. Marks, L.E. (1990). Synaesthesia: Perception and metaphor. In F. Burwick and W. Pape (Eds.), *Aesthetic Illusion: Theoretical and Historical Approaches* (pp. 28-40). Berlin: de Gruyter.
- BC16. Marks, L.E. (1990). Sensory perception and ovarian hormones. In F. Naftolin, J.N. Guttmann, A.H. DeCherney, and P. Sarrel (Eds.), *Ovarian Secretions and Cardiovascular and Neurological Function* (pp. 223-238). New York: Raven.
- BC17. Marks, L.E. (1991). The dynamics of ratio scaling. In S.J. Bolanowski and G.A. Gescheider (Eds.), *Ratio Scaling of Psychological Magnitude* (pp. 27-42). Hillsdale, NJ: Erlbaum.
- BC18. Marks, L.E. (1991). Metaphor and the unity of the senses. In B.P. Klein and H.T. Lawless (Eds.), *Sensory Science: Theory and Applications in Foods* (pp. 185-205). New York: Marcel Dekker.
- BC19. Marks, L.E. (1992). Freud and Fechner, desire and energy, hermeneutics and psychophysics. In H.-G. Geissler, S.W. Link, and J.T. Townsend (Eds.), *Cognition, Information Processing, and Psychophysics* (pp. 23-42). Hillsdale, NJ: Erlbaum.
- BC20. Marks, L.E. (1992). "What thin partitions sense from thought divide": Toward a new cognitive psychophysics. In D. Algom (Ed.), *Psychophysical Approaches to Cognition* (pp. 115-186). Amsterdam: North-Holland.
- BC21. Marks, L.E. (1995). Intermodal similarity and cross-modality matching: Coding perceptual dimensions. In R.D. Luce, M. D'Zmura, D. Hoffman, G. J. Iverson, and A. K. Romney (Eds.), *Geometric Representations of Perceptual Phenomena: Papers in Honor of Tarow Indow on His 70th Birthday* (pp. 207-233). Mahwah, NJ: Erlbaum.
- BC22. Marks, L.E. (1995). Scaling and semantics: Quantifying experience through perception and language. In G. Neely (Ed.), *Perception and Psychophysics in Theory and Application* (pp. 7-13). Stockholm: Stockholm University.
- BC23. Marks, L.E., & Armstrong, L. (1996). Haptic and visual representations of space. In T. Inui and J.L. McClelland (Eds.), *Attention and Performance XVI* (pp. 263-287). Cambridge, MA: MIT Press.

- BC24. Marks, L.E. (1997). Are tones spatial? A response time analysis. In M. Guirao (Ed.), *Procesos Sensoriales y Cognitivos: Artículos presentados en adhesión al XXV Aniversario del Laboratorio de Investigaciones Sensoriales (LIS) CONICET* (pp. 95-114). Buenos Aires: Ediciones Duncan.
- BC25. Marks, L.E., & Algom, D. (1998). Psychophysical scaling. In M.H. Birnbaum (Ed.), *Measurement, Judgment, and Decision Making* (pp. 81-178). San Diego: Academic Press.
- BC26. Marks, L.E. (2000). Synesthesia. In E. Cardeña, S.J. Lynn, & S.C. Krippner (Eds.), *Varieties of Anomalous Experience: Examining the Scientific Evidence* (pp. 121-149). Washington, DC: American Psychological Association.
- BC27. Marks, L.E., & Gescheider, G.A. (2002). Psychophysical scaling. In J. Wixted and H. Pashler (Eds.), *Stevens's Handbook of Experimental Psychology* (3<sup>rd</sup> edition). *Volume 4. Methodology* (pp. 91-138). New York: John Wiley.
- BC28. Marks, L.E. (2004). Cross-modal interactions in speeded classification. In G. Calvert, C. Spence, and B.E. Stein (Eds.), *The Handbook of Multisensory Processes* (pp. 85-106). Cambridge, MA: MIT Press.
- BC29. Marks, L.E., & Odgaard, E.C. (2005). Developmental constraints on theories of synesthesia. In L.C. Robertson and N. Sagiv (Eds.), *Synesthesia: Perspectives from Cognitive Neuroscience* (pp. 214-236). New York: Oxford University Press.
- BC30. Marks, L.E. (2005). Synästhesie und Musikwahrnehmung [Synesthesia and music perception]. In T.H. Stoffer & R. Oerter (Eds.), *Enzyklopädie der Psychologie. Themenbereich D. Praxisgebiete. Serie VII. Musikpsychologie. Band 1. Allgemeine Musikpsychologie* (pp. 252-266). Göttingen, Germany: Hogrefe.
- BC31. Marks, L.E., and Florentine, M. (2011). Measurement of loudness. Part 1. Methods, Problems, and Pitfalls. In M. Florentine, A.N. Popper, and R.R. Fay (Eds.), *Springer Handbook of Auditory Research: Loudness* (pp. 1-56). New York: Springer.
- BC32. Arieh, Y., & Marks, L.E. (2011). Measurement of loudness. Part 2. Context effects. In M. Florentine, A.N. Popper, and R.R. Fay (Eds.), *Springer Handbook of Auditory Research: Loudness* (pp. 57-87). New York: Springer.
- BC33. Marks, L.E. (2011). A brief history of sensation and reward. In J.A. Gottfried (Ed.), *Neurobiology of Sensation and Reward* (pp. 15-43). Boca Raton, FL: CRC Press.
- BC34. Marks, L.E. (2012). La sinestesia en el espectro [Synesthesia across the spectrum]. In M.J. de Córdoba and D. Riccò (Eds.), *Sinestesia: Los Fundamentos Teóricos, Artísticos y Científicos* (pp. 23-38). Granada, Spain: Ediciones Fundación Internacional Artécittà.
- BC35. Marks, L.E. (2014). Weak synaesthesia in the general population. In J. Simner and E.M. Hubbard (Eds.), *Oxford Handbook of Synesthesia* (pp. 761-789). Oxford: Oxford University Press.
- BC36. Marks, L.E. (2014). Synesthesia: A teeming multiplicity. In E. Cardeña, S.J. Lynn, & S.C. Krippner (Eds.), *Varieties of Anomalous Experience: Examining the Scientific Evidence, Revised Edition* (pp. 79-108). Washington, DC: American Psychological Association.

BC37. Marks, L.E. (in press). Synesthesia: Then, now, and later. In O. Deroy (Ed.), *Sensory Blendings: New Essays on Synaesthesia*. Oxford: Oxford University Press.

## CONFERENCE ARTICLES

C1. Stevens, J.C., & Marks, L.E. (1970). Subjective warmth in relation to the density, duration, and areal extent of infra-red irradiation. *Transactions of the American Society of Heating, Refrigerating, and Air-Conditioning Engineers*, **76**, 110-122.

C2. Marks, L.E. (1978). Mental measurement and the psychophysics of sensory processes. *Annals of the New York Academy of Sciences*, **309**, 3-17.

C3. Marks, L.E., Girvin, J.P., Ning, P., Antunes, J.L., & Dobelle, W.H. (1982). Perceptual processing of spatio-temporal patterns of electrocutaneous stimulation. *IEEE Frontiers of Engineering in Health Care*, **HC4**, 333-338.

C4. Marks, L.E. (1988). Freud and Fechner: Toward a psychophysics of desire? In H. Ross (Ed.), *Fechner Day '88: Proceedings of the Fourth Annual Meeting of the International Society for Psychophysics* (pp. 29-34). Stirling, Scotland: ISP.

C5. Marks, L.E., & Algom, D. (1990). Context effects and loudness scales: Ghosts in the auditory machine? In F. Müller (Ed.), *Fechner Day '90: Proceedings of the Sixth Annual Meeting of the International Society for Psychophysics* (pp. 169-174). Würzburg, Germany: ISP.

C6. Marks, L.E. (1991). Equal-loudness relations are awfully contingent, by golly! Toward a new cognitive psychophysics. In G.R. Lockhead (Ed.), *Fechner Day '91: Proceedings of the Seventh Annual Meeting of the International Society for Psychophysics* (pp. 9-14). Durham, NC: ISP.

C7. Marks, L.E. (1992). Quantifying mental qualities: From utility to *ethos* and *polis*. In G. Borg and G. Neely (Eds.), *Fechner Day '92: Proceedings of the Eighth Annual Meeting of the International Society for Psychophysics* (pp. 129-134). Stockholm: ISP.

C8. Marks, L.E. (1993). Differential context effects within but not between modalities? In A. Garriga-Trillo et al. (Eds.), *Fechner Day 93: Proceedings of the Ninth Annual Meeting of the International Society for Psychophysics* (pp. 161-166). Madrid: UNED.

C9. Ben-Artzi, E., & Marks, L.E. (1995). Congruence effects in classifying auditory stimuli: A review and a model. In B. Scharf and C.-A. Possamai (Eds.), *Fechner Day 95: Proceedings of the Eleventh Annual Meeting of the International Society for Psychophysics* (pp. 145-150). Vancouver, Canada: ISP.

C10. Marks, L.E. (1996). Psychophysics in the scientific market-place: Peer review of grant applications. In S. Masin (Ed.), *Fechner Day 96: Proceedings of the Twelfth Annual Meeting of the International Society for Psychophysics* (pp. 329-334). Padua, Italy: ISP.

C11. Marks, L.E. (1996). Integration and interaction in sensory systems. In S. Masin (Ed.), *Fechner Day 96: Proceedings of the Twelfth Annual Meeting of the International Society for Psychophysics* (pp. 81-82). Padua, Italy: ISP.

- C12. Marks, L.E. (1997). Loudness perception: Sensory, cognitive, and decisional processes. In A. Preis and T. Hornowski (Eds.), *Fechner Day 97: Proceedings of the Thirteenth Annual Meeting of the International Society for Psychophysics* (pp. 79-84). Poznan, Poland: ISP.
- C13. Stevens, J. C., Marks, L.E., Lakatos, S., & Cruz, L. A. (1997). Aging of the senses: A multimodal study of thresholds. In A. Preis and T. Hornowski (Eds.), *Fechner Day 97: Proceedings of the Thirteenth Annual Meeting of the International Society for Psychophysics* (pp. 293-298). Poznan, Poland: ISP.
- C14. Marks, L. E., & Wheeler, M. E. (1998). Focused attention and the detectability of weak gustatory stimuli. Empirical measurement and computer simulations. *Annals of the New York Academy of Sciences*, **855**, 645-647.
- C15. Marks, L. E. (1999). Differential context effects in intramodal and cross-modal perception. In P. Killeen and W. Uttal (Eds.), *Fechner Day 99: Proceedings of the Fifteenth Annual Meeting of the International Society for Psychophysics* (pp. 72-77). Tempe, AZ: ISP.
- C16. Stevens, J. C., & Marks, L. E. (1999). Stevens's power law in vision: Exponents, intercepts, and thresholds. In P. Killeen and W. Uttal (Eds.), *Fechner Day 99: Proceedings of the Fifteenth Annual Meeting of the International Society for Psychophysics* (pp. 82-87). Tempe, AZ: ISP.
- C17. Arieh, Y., & Marks, L. E. (2001). Recalibration of loudness: Sensory vs. decisional processes. In E. Sommerfeld, R. Kompass, & T. Lachmann (Eds.), *Fechner Day 2001: Proceedings of the Seventeenth Annual Meeting of the International Society for Psychophysics* (pp. 242-247). Leipzig, Germany: ISP.
- C18. Marks, L.E. (2002). Multisensory psychophysics. In J. A. Da Silva (Ed.), *Fechner Day 2002: Proceedings of the Eighteenth Annual Meeting of the International Society for Psychophysics* (pp. 26-32). Rio de Janeiro, Brazil: ISP.
- C19. Ashkenazi, A., & Marks, L.E. (2004). Object-based attention in the visual field. In Oliveira, A.M., Teixeira, M., Borges, G.F., & Ferro, M.J. (Eds.), *Fechner Day 2004: Twentieth Annual Meeting of the International Society for Psychophysics* (pp. 286-291). Coimbra, Portugal: ISP.
- C20. Kelly, K., Arieh, Y., & Marks, L. E. (2005). Inducing loudness reduction affects auditory lateralization. In J.S. Monahan, S.M. Sheffert, and J.T. Townsend (Eds.), *Fechner Day 2005: Twenty-first Annual Meeting of the International Society for Psychophysics* (pp. 143-148). Mt. Pleasant, MI: International Society for Psychophysics.
- C21. Wang, M.-F., & Marks, L.E. (2006). Effects of spatial attention on tactile processing: A speed-accuracy analysis. In D.E. Kornbrot, R.M. Msetfi, and A.W. MacRae (Eds.), *Fechner Day 2006: Proceedings of the Twenty-second Annual Meeting of the International Society for Psychophysics* (pp. 309-314). St. Albans, England: ISP.
- C22. Marks, L.E., Elgart, B.Z., & Ashkenazi, A. (2006). Detecting flavorants: Multisensory processes in chemosensation. In D.E. Kornbrot, R.M. Msetfi, and A.W. MacRae (Eds.), *Fechner Day 2006: Proceedings of the Twenty-second Annual Meeting of the International Society for Psychophysics* (pp. 211-216). St. Albans, England: ISP.
- C23. Marks, L.E. (2006). S.S. Stevens's 'lost' paper of 1939: "On the problem of scales for the measurement of psychological magnitudes." In D.E. Kornbrot, R.M. Msetfi, and A.W.

MacRae (Eds.), *Fechner Day 2006: Proceedings of the Twenty-second Annual Meeting of the International Society for Psychophysics* (pp. 19-22). St. Albans, England: ISP.

C24. Marks, L.E. (2006). S.S. Stevens: A brief scientific biography. In D.E. Kornbrot, R.M. Msetfi, and A.W. MacRae (Eds.), *Fechner Day 2006: Proceedings of the Twenty-second Annual Meeting of the International Society for Psychophysics* (p. 28). St. Albans, England: ISP.

C25. Eitan, Z., Schupak, A., & Marks, L.E. (2008). Louder is higher: Cross-modal interaction of loudness change and vertical motion in speeded classification. In K. Miyazaki *et al.* (Eds.), *Proceedings of the 10th International Conference on Music Perception and Cognition, Sapporo, Japan*. Adelaide, Australia: Causal Productions.

C26. Marks, L.E. (2008). Does induced loudness reduction explain contextual effects in loudness? *Acoustics 08 Paris* (pp. 2707-2712). Paris, France: ICA.

C27. Marks, L.E. (2009). Synaesthesia across the spectrum. In M.J. de Córdoba, E. Hubbard, D. Riccò, and S.A. Day (Eds.), *Proceedings of the Third International Congress on Synesthesia, Science and Art* (np). Granada, Spain: Ediciones Fundación Internacional Artecittà (DVD).

C28. Ross, D.A., & Marks, L.E. (2009). Absolute pitch in children prior to the beginning of musical training. *The Neurosciences and music III: Disorders and plasticity. Annals of the New York Academy of Sciences*, **1169**, 199-204. (PMID: 19673781)

C29. Eitan, Z., Schupak, A., Gotler, A., & Marks, L.E. (2011). Lower pitch is larger, yet falling pitches shrink: Interaction of pitch change and size change in speeded discrimination. *Fechner Day 2011: Twenty-seventh Annual Meeting of the International Society for Psychophysics* (pp. 81-88). Herzliya, Israel: ISP.

C30. Marks, L.E., & Mulvenna, C.M. (2016). Digital synesthesia: Synesthesia, perception, language. In R. Schnell, K. Gsöllpointner, and R. Schuler (Eds), *Digital synesthesia: A model for the aesthetics of digital art*. Vienna: University for Applied Arts, pp 29-34

## BOOK REVIEWS

BR1. Marks, L.E. (1975). Review of *Psychophysics: Introduction to Its Perceptual, Neural, and Social Prospects*, by S.S. Stevens. *Journal of the Optical Society of America*, **65**, 970-971.

BR2. Marks, L.E. (1982). Review of *Comparative Color Vision*, by G.H. Jacobs. *American Scientist*, **70**, 430.

BR3. Marks, L.E. (1983). Review of *Thermal Sensations and Thermoreceptors in Man*, by H. Hensel. *Contemporary Psychology*, **28**, 762-763.

BR4. Marks, L.E. (1984). Review of *Development of Perception: Psychobiological Perspectives*, Vol. 1, ed. by R.N. Aslin, J.R. Alberts, and M.R. Peterson. *American Scientist*, **72**, 303-304.

BR5. Marks, L.E. (1987). Review of *Elements of Psychophysical Theory*, by J.-C. Falmagne. *Contemporary Psychology*, **32**, 16-17.



- BR6. Marks, L.E. (1988). Review of *The Psychology of Perspective and Renaissance Art*, by M. Kubovy. *American Scientist*, **76**, 69-71.
- BR7. Marks, L.E. (1989). Review of *New Essays on the Psychology of Art and The Power of the Center*, by R. Arnheim. *American Scientist*, **77**, 292.
- BR8. Marks, L.E. (1990). Review of *Synesthesia: A Union of the Senses* by R.E. Cytowic, *Trends in Neurosciences*, **13**, 434-435.
- BR9. Marks, L.E. (1992). Review of *Taste and Smell in Health and Disease*, by T.V. Getchell, R.L. Doty, L.M. Bartoshuk, and J.B. Snow. *Quarterly Review of Biology*, **67**, 406-407.
- BR10. Marks, L.E. (1996) "Come, Give Us a Taste of Your Quality." Review of *Sensory Qualities*, by A. Clark. *Contemporary Psychology*, **41**, 1191-1192.
- BR11. Marks, L.E. (1998). Review of *Interactions: Some Contacts between the Natural Sciences and the Social Sciences*, by I. B. Cohen. *Journal of the History of the Behavioral Sciences*, **34**, 287-288.
- BR12. Marks, L.E. (2000). Review of *Bright Colors, Falsely Seen: Synaesthesia and the Search for Transcendental Knowledge*, by Kevin T. Dann. *Isis*, **91**, 389-390.
- BR13. Marks, L.E. (2002). "O for a life of sensations!" Review of *A Theory of Sentience*, by Austen Clark. *Contemporary Psychology*, **47**, 281-284.
- BR14. Marks, L.E. (2002). "But this is wondrous strange." Review of *Synaesthesia: The Strangest Thing*, by John Harrison. *Contemporary Psychology*, **47**, 256-258.
- BR15. Marks, L.E. (2003). "What is it like to be a synesthete?" Review of *Blue Cats and Chartreuse Kittens: How Synesthetes Color Their Worlds*, by Patricia Lynne Duffy, *Contemporary Psychology*, **48**, 619-620.

## POPULAR ARTICLES

- P1. Marks, L.E. (1975). Synesthesia: The lucky people with mixed-up senses. *Psychology Today*, **9**(1), 48-52.
- a) Reprinted: (1975, September) *Psychology Today* (UK), 35-39.
  - b) Translation (Anne Verstraet): Marks, L.E. (1976, Janvier). Quand nos sens se confondent. *Psychologie*, 27-34.
  - c) Translation: Marks, L.E. (1979, No. 35, Settembre/Ottobre), Sinestesia: La fortuna di avere sensazioni miste. *Psicologia Contemporanea*, 29-33.
- P2. Bornstein, M.H., & Marks, L.E. (1982). Color revisionism. *Psychology Today*, **16**(1), 64-73.

## SHORT COMMUNICATIONS

- S1. Bartoshuk, L.M., Cain, W.S., Cleveland, C.T., Grossman, L.S., Marks, L.E., Stevens, J.C., & Stolwijk, J.A.J. (1974). Saltiness of monosodium glutamate and sodium intake. *Journal of the American Medical Association*, **230**, 670.
- S2. Bartoshuk, L.M., Cain, W.S., Cleveland, C.T., Marks, L.E., Stevens, J.C., & Stolwijk, J.A.J. (1975). MSG: Reply to Ebert and Reaume. *Journal of the American Medical Association*, **233**, 224-225.
- S3. Marks, L.E. (1976). Editorial. *Sensory Processes*, **1**, 1.
- S4. Marks, L.E. (1978). Does the brain mind? *The Behavioral and Brain Sciences*, **1**, 358-359.
- S5. Marks, L.E. (1979). Invariance, richness, recoding. *The Behavioral and Brain Sciences*, **2**, 272.
- S6. Marks, L.E. (1981). What (good) are scales of sensation? *The Behavioral and Brain Sciences*, **4**, 199-200.
- S7. Marks, L.E. (1982). Loudness. In *McGraw-Hill Encyclopedia of Science and Technology*, 5th Ed. (pp. 812-813). New York: McGraw-Hill.
- S8. Marks, L.E. (1982). Psychoacoustics. In *McGraw-Hill Encyclopedia of Science and Technology*, 5th Ed. (pp. 66-68). New York: McGraw-Hill.
- S9. Marks, L.E., & Bornstein, M.H. (1985). Children's recognition of cross-modal similarity. *Cahiers de Psychologie Cognitive*, **5**, 322-323.
- S10. Marks, L.E. (1985). Toward a psychophysics of intention. *The Behavioral and Brain Sciences*, **8**, 547.
- S11. Marks, L.E. (1986). Cognitive science and the pragmatics of behavior. *The Behavioral and Brain Sciences*, **9**, 150.
- S12. Marks, L.E. (1986). New Introduction to *Psychophysics: Its Perceptual, Neural, and Social Prospects*, by S.S. Stevens (pp. v-ix). New Brunswick, NJ: Transaction Press.
- S13. Marks, L.E. (1989). G and S go fishing. *The Behavioral and Brain Sciences*, **12**, 282-283.
- S14. Marks, L.E. (1992). The perplexing plurality of psychophysical processes. *The Behavioral and Brain Sciences*, **15**, 574-575.
- S15. Marks, L.E. (1993). Quantifying, valuing, choosing. *The Behavioral and Brain Sciences*, **16**, 156-157.
- S16. Marks, L.E. (2011). Foreword to E. Galanter, H. Moskowitz, & M. Silcher, *People, Prices, & Preferences: Sequencing the Genome of the Consumer Mind*. Oak Park, IL: Bentham Books, pp. ii-v.  
(online) <http://benthamscience.com/ebooks/9781608052493/foreword.htm>
- S17. Marks, L.E., & Steen, C. (2013). Synesthesia. *World Book Encyclopedia* (online). Chicago: World Book Publishing.
- S18. Marks, L.E. (2014). Olfaction. In D. Goldstein (Ed.), *Oxford Companion to Sweets*. Oxford: Oxford University Press, pp. 491-493.

