

## BIBLIOGRAPHY

- Amabile, P. (1982). *Musical Theory in Architectural Design*. Queensland Institute of Technology, Graduate Diploma -Architecture.
- Ando, Y., (1985). *Concert Hall Acoustics*. Berlin: Springer-Verlag.
- Bachelard, G., & Jolas, M. (1969). *The Poetics of Space (Poetique de l'espace)*. Boston, MA: Beacon Press.
- Barron, M. (1974). *The Effects of Early Reflections on Subjective Acoustical Quality in Concert Halls*. PhD Thesis. University of Southampton: Southampton.
- Barron, M. (1993). *Auditorium Acoustics and Architectural Design*. London: E & FN Spon.
- Barron, M. (2001). Late lateral energy fractions and the envelopment question in concert halls. *Applied Acoustics*, 62, 185-202.
- Barron, M., & Marshall, A. H. (1981). Spatial impression due to early lateral reflections in concert halls: The derivation of a physical measure. *Journal of Sound and Vibration*, 77, 211 – 232
- Bassett, J., Osman, R., Choi, Y., & Cabrera, D. A means of documenting the acoustic quality of spaces. *Proceedings of the 37<sup>th</sup> Australian and New Zealand Architectural Science Association (ANZAScA) Conference*, Sydney, Australia.
- Beranek, L. (1962). *Music, Acoustics and Architecture*. New York, NY: Wiley & Sons.
- Beranek, L. (1996). *Concert and Opera Halls: How they Sound*. Woodbury, NY: Published for Acoustical Society of America through the American Institute of Physics.
- Beranek, L. (2004). *Concert and Opera Halls: Music, Acoustics, and Architecture*. New York, NY: Springer.
- Berger, H. M. (1999). *Metal, Rock, and Jazz: Perception and the Phenology of Musical Experience*. Hanover, NH: Published by University Press of New England for the Wesleyan University Press.
- Bradley, J. S., & Soulodre, G. A. (1995a). The influence of late arriving energy on spatial impression. *Journal of the Acoustical Society of America*, 97, 2263 - 2271.
- Bradley, J. S., & Soulodre, G. A. (1995b). Objective measures of listener envelopment. *Journal of the Acoustical Society of America*, 98, 2590 – 2597.
- Buchanan, P. (1993). *Renzo Piano Building Workshop: Complete Works, Volume 1*. London: Phaidon Press Limited.

- Cabrera, D. (1994). *Sound Space and Edgard Varèse's Poème Electronique*. University of Technology, Sydney, Master of Arts.
- Cabrera, D. (2003). Auditory image size: Volume and spatial impression. *Proceedings of the WESPAC 8 Conference*. Melbourne.
- Cabrera, D. (2003b). Introduction to psychoacoustics, *Architecture and Audio Acoustic Lecture*.
- Cabrera, D., Nguyen, A., & Choi, Y. J. (2004). Auditory versus visual spatial impression: A study of two auditoria. *Proceedings of the ICAD 04 Tenth Meeting of the International Conference on Auditory Display*, Sydney.
- Cabrera, D., Jeong, D., Kwak, D. J., & Kim, J. – Y. (2005) Auditory room size perception for modeled and measured room. *Proceedings of Internoise*, Rio de Janeiro, Brazil.
- Cheyne, J., & Efran, M. G. (1972). The effect of Spatial and Interpersonal Variables on the Invasion of Group Controlled Territories. *Sociometry*, 35, 477 - 489.
- Clements, P. (1999). Reflection on an Ideal: Tradition and Change at the Grosser Musikvereinssaal, Vienna. *Proceedings of the Institute of Acoustics Conference*. Manchester, England.
- Clifton, T. (1983). *Music as Heard: a Study in Applied Phenomenology*. New Haven, CT: Yale University Press.
- Danahy, J. W. (2002). Technology for dynamic viewing and peripheral vision in landscape visualization,” *Landscape and Urban Planning*, vol. 54, no. 1-4, May 2001: 127-138.
- De la Riva, R. (1990). *Architecture and Music on Rhythm, Harmony and Order*. McGill University, Master of Architecture.
- Denon, (1993a). *Denon Professional Test CDs*, PG6014, Disc 2, Track 25.
- Denon, (1993b). *Denon Professional Test CDs*, PG6014, Disc 2, Track 29.
- Economou, A. N. (2000). *Architectonics of Symmetry in Twentieth Century Architectural and Music Theories*. University of California, Doctor of Philosophy.
- Farina, A. (2000). Simultaneous measurement of impulse response and distortion with a swept-sine technique. *Proceedings of the Audio Engineering Society 108<sup>th</sup> Convention*, Paris, France, Preprint 5093 (D-4).
- Fastl, H. (2004). Audio-Visual Interactions in Loudness Evaluation. *Proceedings of the 18<sup>th</sup> International Congress on Acoustics, Kyoto, Japan*.
- Fletcher, B. (1987). *A History of Architecture*. London: Butterworths.

- Gardiner, J. E. (1989) *Vesper in Venice*, Conductor's comments following *Vespro della Beata Vergine* by Claudio Monteverdi; co-production of BBC TV, Deutsche Grammophon Gesellschaft mbH and West Eleven Entertainment, Recorded live at a performance in the Basilica di San Marco, Venice.
- Gibson, J. J. (1950a). *The Perception of the Visual World*. Boston: Houghton Mifflin Company.
- Gibson, J. J. (1950b). The perception of visual surfaces. *American Journal of Psychology*, 63, 367 – 384.
- Gilinsky, A. S. (1951). Perceived size and distance in visual space. *Psychological Review*, 58, 460 – 482.
- Glancy, J., Samartini, T. (1984). Piano + Nono: Temporary Auditorium, Venice. *Architectural Review*. No. 1054, December 1984: 53 – 57.
- Graham, C. H. (1965). *Vision and Visual Perception*. New York: Wiley & Sons.
- Gregory, R. (1987). *The Oxford Companion to the Mind*. Oxford: Oxford University Press.
- Griesinger, D. (1997). The psychoacoustics of apparent source width, spaciousness and envelopment in performance spaces. *Acustica*, 83, 721 – 731
- Hall, E. T. (1966). *The Hidden Dimension: Man's Use of Space in Public and Private*. London: The Bodley Head Ltd.
- Heelan, P.A. (1983). *Space-Perception and The Philosophy of Science*. Berkeley: University of California Press.
- Hidaka, T., Beranek, L., & Okano, T. (1995). Interaural cross-correlation, lateral fraction, and low- and high-frequency sound levels as measures of acoustical quality in concert halls. *Journal of the Acoustical Society of America*, 98, 988 – 1007.
- Holl, S., Pallasmaa, J., & Perez-Gomez, A. (1994) *Questions of Perception : Phenomenology of Architecture*. Tokyo: a + u Publishing Company.
- Humphreys, N. J. (2001). *Deconstruction as a Creative Process as seen in Perter Eisenman's Wexner Center for the Visual Arts and Gyory Ligeti's 'Ramifications for String Orchestra or 12 Solo Strings'*. Ohio University, Doctor of Philosophy.
- Kurtzman, Jeffrey G. (1999). *The Monteverdi Vespers of 1610: music, context, performance*. Oxford ; New York : Oxford University Press.
- Ihde, D. (1976). *Listening and Voice: A Phenomenology of Sound*. Athen, OH: Ohio University Press.

- Ihde, D., & Slaughter, T. F. (1979). Studies in the Phenomenology of Sound. *International Philosophical Quarterly*. 10: pp. 232-251.
- Isozaki, A. (2000). *Arata Isozaki. Vol. 3, 1991 – 2000*. Tokyo: A.D.A. Edita.
- Isozaki, A., Vincent K. (1999). A Space for the Musical “Arcipelago of the *Prometeo* by Luigi Nono. (Arata Isozaki: Centro per la Ricerca Musicale e Palazzo dei Congressi, Uno Spazio per l’arcipelago Sonoro del “Prometeo” di Luigi Nono. *Casabella*. No. 669, July 1999: 22 –23, English translation p. 88.
- Ittelson, W. H. (1960). *Visual Space Perception*. New York: Springer Publishing Company.
- Larsson, P., Västfjäll, D., & Kleiner, M., (2004). Auditory-Visual Interaction in Real and Virtual Rooms, *Proceedings of the 147th Meeting of the Acoustical Society of America, New York, New York, USA*
- Lootsma, B. (1998). En Route to a New Tectonics. *Daidalos*. No. 17, 1998: 35 – 47.
- Marshall, A. H. (1967). A note on the important of room cross-section in concert hall. *Journal of Sound and Vibration*, 5, 100-112.
- Marshall, A. H., & Hyde, J. R. (1979). Some preliminary acoustical considerations in the design for the proposed Wellington (New Zealand) town hall. *Journal of Sound and Vibration*, vol. 63, no. 2: 201-221.
- Marshall, A. H. (1986). Levels of reflection masking in concert halls. *Journal of Sound and Vibration*. 7, 116.
- Marshall, A. H., & Barron, M. (2001). Spatial responsiveness in concert halls and origin of spatial impression,” *Applied Acoustic*, 62, 91 – 108.
- Marshall, A. H. (2004). Conceptual Architectural/Acoustics Design: The initial nexus of integrated multi-modal perception in a concert hall. *Proceedings of the 147th Meeting of the Acoustical Society of America, New York, New York, USA*
- Martin, E. et al. (1994) *Architecture as a translation of music*. New York: Princeton Architectural Press.
- Meng, J. C., & Sedgwick, H. A. (2002). Distance perception across spatial discontinuities. *Perception & Psychophysics*, 64, 1 – 14.
- Møller, H. (1992). Fundamentals of binaural technology, *Applied Acoustics*, 36:171-218.
- Morimoto, M., & Iida, K. (1995) A practical evaluation of method of auditory source width in concert halls. *Journal of the Acoustical Society of Japan. (E)*, 16, 59 – 69.

- Morimoto, M., & Maekawa, Z. (1988). Effects of low frequency components on auditory spaciousness. *Acustica*, 66, 190–196.
- Morimoto, M., & Maekawa, Z. (1989). Auditory spaciousness and envelopment. *Proceedings of the 13<sup>th</sup> International Acoustics*, Belgrade.
- Nguyen, A., & Cabrera, D. (2003). Spatial impression in auditorium acoustics and architectural design. *Proceedings of the 37<sup>th</sup> Australian and New Zealand Architectural Science Association Conference*, Sydney.
- Nguyen, A., & Cabrera, D. (2004). Visual counterparts in spatial impression in auditorium acoustics. *Proceedings of the 2004 International Symposium on Room Acoustics: Design & Science*, Hyogo, Japan.
- Nguyen, A., & Cabrera, D. (2004b). Auditory and visual spatial impression: A study of three auditoria. *Proceedings of the 148<sup>th</sup> Meeting of the Acoustical Society of America*, San Diego, California, USA.
- Nielsen, S.H. (1993). Auditory distance perception in different rooms, *Journal of the Audio Engineering Society*, 41, 755-770.
- Norberg-Schulz, C. (1980). *Genius loci : towards a phenomenology of architecture*. London: Academy Edition.
- Nono, L. (1995). *Prometeo: tragedia dell'ascolto*. Italy: AMI, Ricordi.
- Oechslin, W. (1985). Music and Harmony: Universals of Architecture Paths of Approach. *Daidalos*. No. 17, September 1985: 58–73.
- Ogle, K.N. (1950). *Binocular Vision*. Philadelphia: W. B. Saunders, 1950.
- Ong, T. B. (1994). *Music as a Generative Process in Architectural Form and Space Composition*. Rice University. Master of Architecture.
- Pallasmaa, J. (1996). *The Eye of the Skin: Architecture and The Sences*. London: Academy Group LTD.
- Pasini, F. (1985). Prometeo. *Domus*. No. 667, December 1985: 56–69.
- Piano, R. (1997). *The Renzo Piano Logbook*. London: Thames and Hudson.
- Piano, R. (1985). Il Prometeo – A Vessel of Sound. *Daidalos*. No. 17, September 1985: 84–87.
- Powell, J. (1996). *Toward a Complex Minimal Architecture Through Twentieth-Century Music*. Rice University, Master of Architecture.

- Roscoe, J. T. (1975). *Fundamental Research Statistic for the Behavioral Sciences*. New York: Holt, Rinehart and Winston.
- Rumsey, F. (2002). Spatial quality evaluation for reproduced sound: terminology, meaning, and a scene-based paradigm. *J. Audio Eng. Soc.*, vol. 50, no. 9, September 2002: 651-666.
- Schoerder, M. R., Gottlob, D., & Siebrasse, K. F. (1974). A comparative study of European concert halls: Correlation of subjective preference with geometric and acoustic parameters. *Journal of the Acoustical Society of America*, 56, 1195ff.
- Soulodre, G. A., Lavoie, M. C., & Norcross, S. G. (2003) "Objective measures of listener envelopment in multichannel surround systems," *J. Audio Eng. Soc.*, vol. 51, no. 9, Sept. 2003: 826-840.
- Spangemacher, F. (1984) Nono's "Prometeo". *Tempo*, December, 51 – 52
- Whenham, J. (1997). *Monteverdi, Vespers (1610)*. Cambridge, New York: Cambridge University Press.
- Williamson, R. (1989). Optimisation of variable lateral energy for spatial impression in a hall, *Applied Acoustics*, 26, 113-134.
- Zahorik, P. (2002) Assessing auditory distance perception using virtual acoustics. *Journal of the Acoustical Society of America*, 111, 1832-46.

*Audi coelum verba mea,  
plena desiderio  
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