

DAFTAR PUSTAKA

- [1] C. E. Mediastika, *Akustika Bangunan*, Yogyakarta: Penerbit Erlangga, 2005.
- [2] H. Z. Alibaba and M. B. Ozdeniz, "Acoustical Renovation of University Multipurpose Halls: The Case of Lala Mustafa Pa,sa Hall," *Sustainability*, vol. 11, no. 1397, 2019.
- [3] S. Vehvilainen, N. Naveri and H. Moller, "THE ACOUSTIC DESIGN OF A MULTIPURPOSE HALL," *Proceedings of the Institute of Acoustics*, vol. 60, no. 3, 2018.
- [4] L. S. Sari, S. S. Utami and J. Sarwono, "Objective and subjective acoustics measurement of audience seating areas in a medium size auditorium," in *Regional Conference on Acoustics and Vibration 2017 (RECAV 2017)*, 2017.
- [5] M. Cairoli, "The architectural acoustic design for a multipurpose auditorium: Le Serre hall in the Villa Erba Convention Center," *Applied Acoustics*, vol. 173, no. 107695, 2021.
- [6] N. P. A. Nitidara, I. G. N. Merthayasa and J. Sarwono, "Modeling and Simulation of Gamelan Bali Concert Hall Based on Objective Acoustic Parameters," *Proceedings of Meetings on Acoustics*, vol. 19, no. 015078, 2013.
- [7] J. Y. Jeon, J. H. Kim and C. K. Seo, "Acoustical remodeling of a large fan-type auditorium to enhance sound strength and spatial responsiveness for symphonic music," *Applied Acoustics*, no. 73, pp. 1104-1111, 2012.
- [8] Z. Gou and S. Lau, "Acoustic Design for an Auditorium Project Using Building Performance Simulation to Enhance Architectural Quality," in *51st International Conference of the Architectural Science Association (ANZAScA)*, 2017.
- [9] S. Chiles, "Scattering Surfaces in Concert Hall," *New Zealand Acoustics*, vol. 18, no. 4, pp. 22-31, 2004.
- [10] G. Iannace, F. Sicurella, P. Colamesta and M. Gentilin, "ACOUSTIC PROJECT OF A CONFERENCE ROOM OF THE SECONDARY SCHOOL "AVENIR 33" (DELÉMONT, SWITZERLAND)," *Canadian Acoustics*, vol. 46, no. 2, pp. 31-38, 2018.



- [11] B. Peters, N. Hoban, J. Yu and Z. Xian, "Improving Meeting Room Acoustic Performance through Customized Sound Scattering Surfaces," in *International Symposium on Room Acoustics*, Amsterdam, 2019.
- [12] L. Labia, L. Shtrepi and A. Astolfi, "Improved Room Acoustics Quality in Meeting Rooms: Investigation on the Optimal Configurations of Sound-Absorptive and Sound-Diffusive Panels," *Acoustics*, no. 2, pp. 451-473, 2020.
- [13] S. M. Kennedy, M. Hodgson, N. Lamb, L. D. Edgett and R. Rempel, "Subjective Assessment of Listening Environment in University Classrooms: Perceptions of Students," *Acoustic Society of America*, vol. 119, no. 1, pp. 299-309, 2006.
- [14] D. Raymond, "Room Modelling Software Comparison," in *Hear to Listen Acoustics*, Adelaide, 2018.
- [15] A. F. Zakariya, I. Defiana and T. B. Samodra, "NOISE CHARACTERISTICS AND SOUND PRESSURE LEVEL PREDICTION OF LOGGIA BALCONY IN APARTMENT," *IPTEK The Journal of Technology and Science*, vol. 31, no. 2, pp. 179-187, 2020.
- [16] S. S. Utami, R. S. J. Sarwono and R. F. Fela, *Kajian Metode Pengukuran Akustik Ruang Studi Kasus di Indonesia*, Yogyakarta: Gadjah Mada University Press, 2016.
- [17] Kementerian Lingkungan Hidup, *Keputusan Menteri Lingkungan Hidup*, Jakarta: Kementerian Lingkungan Hidup, 1996.
- [18] Acoustical Society of America, *ANSI/ASA S12.60-2010/Part 1 American National Standard Acoustical Performance Criteria, Design Requirements, and Guidelines for Schools, Part 1: Permanent Schools*, New York: Acoustical Society of America, 2010.
- [19] International Organization for Standardization, *INTERNATIONAL STANDARD ISO 3382-1 Acoustics — Measurement of room acoustic parameters — Part 1: Performance spaces*, Geneva: International Organization for Standardization, 2009.
- [20] S. Errede, "Acoustical Physics of Music Lab Handouts," 2017. [Online]. Available:



https://courses.physics.illinois.edu/phys406/sp2017/406pom_labs.html.
[Accessed 29 May 2021].

- [21] B. Ramadhan, *Skripsi DESAIN SUBJECTIVE EVALUATION UNTUK MENGANALISIS KUALITAS AKUSTIK PASIF DI RUANG KELAS TIPE BERUNDAK*, Yogyakarta: Universitas Gadjah Mada, 2016.
- [22] Rational Acoustics, "Smaart v.7 User Guide," Rational Acoustics, Putnam, 2015.
- [23] E. Constantinos, "National and Kapodistrian University of Athens Department of Chemistry," University of Athens, [Online]. Available: http://195.134.76.37/applets/AppletConvolve/Applet_Convolve2.html. [Accessed 6 September 2021].
- [24] Universite Gustave Eiffel, "Overview I-Simpa," I-Simpa, [Online]. Available: <https://i-simpa.univ-gustave-eiffel.fr/presentation/presentation/>. [Accessed 13 Oktober 2021].
- [25] N. K. Srinivasan, M. Stansell and F. J. Gallun, "The role of early and late reflections on spatial release from masking: Effects of age and hearing loss," *The Journal of the Acoustical Society of America*, vol. 141, no. 3, pp. 185-191, 2016.
- [26] Department of Physics and Astronomy University of Rochester, "Physics of Music PHY103 Lab Manual University of Rochester," [Online]. Available: <http://astro.pas.rochester.edu/~aquillen/phy103/Labs/RoomLab.pdf>. [Accessed 9 September 2021].
- [27] H. Kuttruff, *Room Acoustics Fourth Edition*, New York: Elsevier Science Publishers, 2000.
- [28] M. Long, "Human Perception and Reaction to Sound," in *Architectural Acoustics (Second Edition)*, Elsevier Inc., 2014, pp. 81-127.
- [29] M. D. Topa, N. Toma, B. S. Kirei, I. Saracut and A. Farina, "Experimental Acoustic Evaluation of an Auditorium," *Hindawi Publishing Corporation Advances in Acoustics and Vibration*, pp. 1-8, 2012.



- [30] X. Zeng, C. L. Christensen and J. H. Rinder, "Practical methods to define scattering coefficients in a room acoustics computer model," *Applied Acoustics*, no. 67, pp. 771-786, 2006.
- [31] A. S. Sudarsono, "Simulasi akustik ruang dengan I-Simpa," 21 Oktober 2020. [Online]. Available: [youtube.com/playlist?list=PL1Af96ZMyfHBi7bq7Q5Ar4tMhCGSCoadA](https://www.youtube.com/playlist?list=PL1Af96ZMyfHBi7bq7Q5Ar4tMhCGSCoadA). [Accessed May 2021].

