



DAFTAR PUSTAKA

- [1] C. C. Chang, *Fundamentals of Piano Practice*, Florida: CreateSpace (Amazon Publishing), 2016.
- [2] A. H. Benade, *Fundamentals of Musical Acoustics*, Second Revised Edition, New York: Dover Publications, Inc., 1990.
- [3] T. D. Rossing, *Springer Handbook of Acoustics*, New York: Springer, 2007.
- [4] R. Osman, "Designing Small Music Practice Rooms for Sound Quality," in *20th International Congress on Acoustics, ICA 2010*, Sydney, 2010.
- [5] A. Bhatia, "HVAC Systems Noise Control.," Continuing Education and Development, Inc., 2014. [Online]. Available: <https://www.cedengineering.com/userfiles/HVAC%20Systems%20Noise%20Control>. [Accessed Mei 2021].
- [6] N. H. Fletcher dan T. D. Rossing, *The Physics of Musical Instruments*, Second Edition, New York: Springer Science + Business Media, 1988.
- [7] S. P. Huang, "Frequency Characteristics of Interior Noises in Houses," in *The 2005 World Sustainable Building Conference*, Tokyo, 2005.
- [8] L. E. Kinsler, A. R. Frey, A. B. Coppers, dan J. V. Sanders, *Fundamentals of Acoustics*, Fourth Edition., New York: John Wiley & Sons, Inc., 2000.
- [9] A. Melcher, "What are Room Modes?," *Amcoustics*, [Online]. Available: <https://amcoustics.com/articles/roommodes#problem>. [Accessed 04 Mei 2021].
- [10] B. F. Faber, *Acoustical Measurements with Smartphones: Possibilities and Limitations*, *Acoustics Today* vol. 13, Acoustical Society of America, 2017.
- [11] O. Bonello, "A New Criterion for the Distribution of Room Normal Modes," *Journal Audio Engineering Society*, vol. 29, pp. 579-606, 1981.
- [12] D. Lamberty, "Music Practice Rooms," *Journal of Sound and Vibration*, vol. 69, no. 1, pp. 149-155, 1980.
- [13] J. H. Rindel, "New Norwegian Standard on the Acoustics of Rooms for Music Rehearsal and Performance," in *Forum Acusticum*, Krakow, 2014.
- [14] "About ANSI," American National Standards Institute (ANSI), [Online] Available: ansi.org/about. [Accessed 30 May 2021].





- [15] ANSI, "Acoustical Performance Criteria, Design Requirement, and Guidelines for School," *ANSI ASA S12.60*, 2002.
- [16] ANSI, "Specification for Sound Level Meter," *ANSI S1.4 1983*, 1983.
- [17] C. A. Kardous dan P. B. Shaw, "Evaluation of Smartphone Sound Measurement Applications (apps) Using External Microphones-A Follow-Up Study," *The Journal of the Acoustical Society of America*, vol. 140, no. 4, pp. 327-333, 2016.
- [18] C. A. Kardous dan P. B. Shaw, "Evaluation of Smartphone Sound Measurement Applications," *The Journal of the Acoustical Society of America*, vol. 135, no. 4, pp. 186-192, 2014.
- [19] P. Aumond, A. Can, G. R. Gozalo, N. Fortin, dan E. Suarez, "Method for In Situ Acoustic Calibration of Smartphone-Based Sound Measurement Application," *Applied Acoustics*, vol. 166, 2020.
- [20] G. R. Gozalo dan J. M. B. Morillas, "Analysis of Sampling Methodologies for Noise Pollution Assesment and the Impact on the Population," *International Journal of Public Health*, vol. 13, no. 5, 2016.
- [21] D. J. Inman., *Engineering Vibration*, Boston: Pearson Education, 2014.
- [22] S. S. Utami, R. S. J. Sarwono, dan R. F. Fela., *Kajian Metode Pengukuran Akustik Ruang. Studi Kasus di Indonesia*, Yogyakarta: Gadjah Mada University Press, 2016.
- [23] "Masalah Utama di Ruangan Kecil: Room Modes," *Sinergi Acoustic*, [Online]. Available: <https://www.sinergiacoustic.com/post/apa-itu-room-modes>. [Accessed 16 07 2021].
- [24] ANSI, "Criteria for Evaluating Room Noise," *ANSI S12.2-2008*, 2008.
- [25] A. V. Oppenheim dan A. S. Willsky, *Signals and Systems*, Second Edition, New Jersey: Prentice Hall, 1997.
- [26] B. Noack, "Reverberation Time," *AV Info EU*, [Online]. Available: https://av-info.eu/index.html?https&&&av-info.eu/acoustic/RT_meetingrooms.html. [Accessed 29 11 2021].
- [27] F. Aulia, *Analisis Dampak Material Senar Terhadap Spektrum Frekuensi dan Dinamika Temporal Bunyi yang Dihasilkan Senar Bundengan, Skripsi*,





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