

DAFTAR PUSTAKA

- [1] E. T. Somerville, "Noise-induced hearing loss and industrial audiometry.," *J. R. Coll. Gen. Pract.*, vol. 26, no. 171, pp. 770–780, 1976.
- [2] A. Azizi and P. Ghafoorpoor Yazdi, "Introduction to Noise and its Applications," *SpringerBriefs Appl. Sci. Technol.*, pp. 13–23, 2019, doi: 10.1007/978-981-13-6218-7_2.
- [3] D. & Sugiharto, "Kebisingan Dan Gangguan Psikologis Pekerja Weaving Loom Dan Inspection Pt. Primatexco Indonesia," *JHE (Journal Heal. Educ.*, vol. 2, no. 2, pp. 130–137, 2017.
- [4] P. N. Breysse and P. S. J. Lees, "Noise and decibels," *Johns Hopkins Univ.*, 2006.
- [5] International Labour Organization, "General information How does noise affect our hearing ? How do you know if the noise level in the factory is too high ?," no. 3, pp. 1–6, 2019.
- [6] S. Xie, D. Wang, Z. Feng, and S. Yang, "Sound absorption performance of microperforated honeycomb metasurface panels with a combination of multiple orifice diameters," *Appl. Acoust.*, vol. 158, p. 107046, 2020, doi: 10.1016/j.apacoust.2019.107046.
- [7] D. Takahashi, "A new method for predicting the sound absorption of perforated absorber systems," *Appl. Acoust.*, vol. 51, no. 1, pp. 71–84, 1997, doi: 10.1016/S0003-682X(96)00070-9.
- [8] J. Carbajo, J. Ramis, L. Godinho, and P. Amado-Mendes, "Perforated panel absorbers with micro-perforated partitions," *Appl. Acoust.*, vol. 149, pp. 108–113, 2019, doi: 10.1016/j.apacoust.2019.01.023.
- [9] A. I. Mosa, A. Putra, R. Ramlan, and A. A. Esraa, "Wideband sound absorption of a double-layer microperforated panel with inhomogeneous perforation," *Appl. Acoust.*, vol. 161, p. 107167, 2020, doi: 10.1016/j.apacoust.2019.107167.
- [10] N. N. Najib, Z. M. Ariff, A. A. Bakar, and C. S. Sipaut, "Correlation between the acoustic and dynamic mechanical properties of natural rubber foam : Effect of foaming temperature," *Mater. Des.*, vol. 32, no. 2, pp. 505–511,

2011, doi: 10.1016/j.matdes.2010.08.030.

- [11] W. Guo and H. Min, "A compound micro-perforated panel sound absorber with partitioned cavities of different depths," *Energy Procedia*, vol. 78, pp. 1617–1622, 2015, doi: 10.1016/j.egypro.2015.11.238.
- [12] A. J. Wein and C. R. Chapple, "Introduction and terminology," *Underactive Bl.*, pp. ix–xiii, 2016, doi: 10.1007/978-3-319-43087-4.
- [13] S. W. Rienstra and A. Hirschberg, "An Introduction to Acoustics," *Phys. Today*, vol. 5, no. 11, p. 24, 1952, doi: 10.1063/1.3067395.
- [14] J. P. Mattei, "Acoustical Engineering.," *Proc. - Int. Conf. Noise Control Eng.*, pp. 59–63, 1981, doi: 10.1063/1.3060138.
- [15] G. M. Ballou, *Handbook for sound engineers, fourth edition*. 2013.
- [16] F. A. Everest and K. C. Pohlmann, *Master Handbook of Acoustics*, vol. 7, no. 11. 2015.
- [17] M. Rusli, M. Irsyad, H. Dahlan, Gusriwandi, and M. Bur, "Sound absorption characteristics of the natural fibrous material from coconut coir, oil palm fruit bunches, and pineapple leaf," *IOP Conf. Ser. Mater. Sci. Eng.*, vol. 602, no. 1, 2019, doi: 10.1088/1757-899X/602/1/012067.
- [18] W. H. Tan, M. Afendi, R. Ahmad, R. Daud, M. Shukry, and E. M. Cheng, "Sound absorption analysis on micro-perforated panel sound absorber with multiple size air cavities," *Int. J. Mech. Mechatronics Eng.*, vol. 15, no. 5, pp. 71–76, 2015.
- [19] F. Bucciarelli, G. P. Malfense Fierro, and M. Meo, "A multilayer microperforated panel prototype for broadband sound absorption at low frequencies," *Appl. Acoust.*, vol. 146, pp. 134–144, 2019, doi: 10.1016/j.apacoust.2018.11.014.
- [20] J. D. Jung, S. Y. Hong, J. H. Song, and H. W. Kwon, "Acoustic insulation performance of a honeycomb panel using a transfer matrix method," *Proc. Inst. Mech. Eng. Part M J. Eng. Marit. Environ.*, vol. 232, no. 4, pp. 392–401, 2018, doi: 10.1177/1475090217703467.
- [21] K. Hoshi *et al.*, "Implementation experiment of a honeycomb-backed MPP sound absorber in a meeting room," *Appl. Acoust.*, vol. 157, p. 107000, 2020, doi: 10.1016/j.apacoust.2019.107000.

- [22] J. Carbajo, J. Ramis, L. Godinho, P. Amado-Mendes, and J. Alba, "A finite element model of perforated panel absorbers including viscothermal effects," *Appl. Acoust.*, vol. 90, pp. 1–8, 2015, doi: 10.1016/j.apacoust.2014.10.013.
- [23] O. Onen and M. Caliskan, "Design of a single layer micro-perforated sound absorber by finite element analysis," *Appl. Acoust.*, vol. 71, no. 1, pp. 79–85, 2010, doi: 10.1016/j.apacoust.2009.07.012.
- [24] A. Arjunan *et al.*, "Development of a 3D finite element acoustic model to predict the sound reduction index of stud based double-leaf walls," *J. Sound Vib.*, vol. 333, no. 23, pp. 6140–6155, 2014, doi: 10.1016/j.jsv.2014.06.032.
- [25] W. U. Yoon, J. H. Park, J. S. Lee, and Y. Y. Kim, "Topology optimization design for total sound absorption in porous media," *Comput. Methods Appl. Mech. Eng.*, vol. 360, no. xxxx, p. 112723, 2020, doi: 10.1016/j.cma.2019.112723.
- [26] Afdhilla, "Kaji eksperimental sifat akustik panel *Micro-perforated panel* dan struktur sarang lebah dari material fleksibel," *Andalas University*. 2022.

