DAFTAR PUSTAKA

[1] Shaikh KA, Kale SS, and Kashid AS, "Performance Evaluation of Synthetic Jet Cooling for Cpu," *Int. Res. J. Eng. Technol.*, pp. 728–731, 2016.

[2] Y. Zhang, P. Li, and Y. Xie, "Numerical investigation of heat transfer characteristics of impinging synthetic jets with different waveforms," *Int. J. Heat Mass Transf.*, vol. 125, pp. 1017–1027, 2018.

[3] J. Kordík and Z. Trávníček, "Optimal diameter of nozzles of synthetic jet actuators based on electrodynamic transducers," *Exp. Therm. Fluid Sci.*, vol. 86, pp. 281–294, 2017.

[4] G. Paolillo, C. S. Greco, and G. Cardone, "The evolution of quadruple synthetic jets," *Exp. Therm. Fluid Sci.*, vol. 89, no. August, pp. 259–275, 2017.

[5] B. Giachetti, M. Fénot, D. Couton, and F. Plourde, "Influence of Reynolds number synthetic jet dynamic in crossflow configuration on heat transfer enhancement," *Int. J. Heat Mass Transf.*, vol. 118, pp. 1–13, 2018.

[6] C. S. Greco, G. Paolillo, A. Ianiro, G. Cardone, and L. de Luca, "Effects of the stroke length and nozzle-to-plate distance on synthetic jet impingement heat transfer," *Int. J. Heat Mass Transf.*, vol. 117, pp. 1019–1031, 2018.

[7] C. S. Greco, A. Ianiro, and G. Cardone, "Time and phase average heat transfer in single and twin circular synthetic impinging air jets," *Int. J. Heat Mass Transf.*, vol. 73, pp. 776–788, 2014.

[8] U. S. Bhapkar, A. Srivastava, and A. Agrawal, "Acoustic and heat transfer characteristics of an impinging elliptical synthetic jet generated by acoustic actuator," *Int. J. Heat Mass Transf.*, vol. 79, pp. 12–23, 2014.

[9] L. Huang, "Synthetic Jet Flow and Heat Transfer for Electronics Cooling," *UMI Diss. Publ.*, 2014.

[10] J. Kordík, Z. Trávníček, and M. Pavelka, "Energetic efficiencies of synthetic and hybrid synthetic jet actuators driven by electrodynamic transducers," *Exp. Therm. Fluid Sci.*, vol. 69, pp. 119–126, 2015.

[11] L. D. Mangate, "Heat Sink Characteristics Using a Synthetic Jet of

Diamond and Oval Shape," pp. 1–8, 2015.

[12] S. Alimohammadi, E. Fanning, T. Persoons, and D. B. Murray, "Characterization of flow vectoring phenomenon in adjacent synthetic jets using CFD and PIV," *Comput. Fluids*, vol. 140, pp. 232–246, 2016.

[13] Z. Broučková, P. Šafařík, and Z. Trávníček, "A parameter map of synthetic jet regimes based on the Reynolds and Stokes numbers: Commentary on the article by Rimasauskiene et al.," *Mech. Syst. Signal Process.*, vol. 68–69, pp. 620–623, 2016.

[14] X. M. Tan, J. Z. Zhang, S. Yong, and G. N. Xie, "An experimental investigation on comparison of synthetic and continuous jets impingement heat transfer," *Int. J. Heat Mass Transf.*, vol. 90, pp. 227–238, 2015.

[15] C. S. Greco, G. Castrillo, C. M. Crispo, T. Astarita, and G. Cardone, "Investigation of impinging single and twin circular synthetic jets flow field," *Exp. Therm. Fluid Sci.*, vol. 74, pp. 354–367, 2016.

[16] L. Silva-Llanca, A. Ortega, and I. Rose, "Experimental convective heat transfer in a geometrically large two-dimensional impinging synthetic jet," *Int. J. Therm. Sci.*, vol. 90, pp. 339–350, 2015.

[17] Z. Trávníček and T. Vít, "Impingement heat/mass transfer to hybrid synthetic jets and other reversible pulsating jets," *Int. J. Heat Mass Transf.*, vol. 85, pp. 473–487, 2015.

[18] T. Iwana, K. Suenaga, K. Shirai, Y. Kameya, M. Motosuke, and S. Honami, "Heat transfer and fluid flow characteristics of impinging jet using combined device with triangular tabs and synthetic jets," *Exp. Therm. Fluid Sci.*, vol. 68, pp. 322–329, 2015.

[19] Y. H. Liu, T. H. Chang, and C. C. Wang, "Heat transfer enhancement of an impinging synthetic air jet using diffusion-shaped orifice," *Appl. Therm. Eng.*, vol. 94, pp. 178–185, 2016.

[20] Y. Ma, Z. X. Xia, Z. B. Luo, X. Deng, and X. Ma, *Numerical Investigation on Microelectronic Chip Cooling Using Multiple Orifice Synthetic Jet Actuator Based on Theory Field Synergism*, vol. 126. Elsevier B.V., 2015.

[21] R. Z. Y. Ho, M. K. H. M. Zorkipli, M. Z. Abdullah, and M. A. Ismail, "Synthetic jet as an electronic cooling application," vol. 2, no. 13, pp. 90–

94, 2015.

[22] C. M. Crispo, C. S. Greco, F. Avallone, and G. Cardone, “On the flow organization of a chevron synthetic jet,” *Exp. Therm. Fluid Sci.*, vol. 82, pp. 136–146, 2017.

[23] P. Gil and P. Strzelczyk, “Performance and efficiency of loudspeaker driven synthetic jet actuator,” *Exp. Therm. Fluid Sci.*, vol. 76, pp. 163–174, 2016.

[24] D. R. R. J. W. Halliday, *Fundamentals of Physics*, 9thEdition ed. Wiley, 2010.

[25] “Macam-macam, Jenis-jenis Gelombang, Berdasarkan Arah Rambat Getar Medium Amplitudo,” 2013. [Online]. Available: http://www.nafiun.com/2013/04/macam-macam-jenis-jenis-gelombang-berdasarkan-arah-rambat-getar-medium-amplitudo.html. [Accessed: 24-May-2019].

[26] Omegatron, “Waveform.svg,” 2012. [Online]. Available: https://id.wikipedia.org/wiki/Berkas:Waveforms.svg. [Accessed: 25-May-2019].

[27] D. Rhakasywi, “Pengembangan sistem pendingin komponen mikroelektronik hemat energi melalui pengelolaan aliran termal berbasis teknologi jet sintetik,” Universitas Indonesia, 2014.

[28] A. Budiman, *Bahan Ajar Mekanika Fluida*. Daerah Istimewa Yogyakarta: Universitas Negeri Yogyakarta, 2014.

[29] R. M. S. J. W. Olson, *Essential of Engineering Fluid Mechanic Fifth Edition*, Fifth Edit. Harper and Row Publisher, Inc, 1990.

[30] A. D. Fluida, “No Title,” 1990.

[31] W. C. H. C. P. Reynolds, *Termodinamika Teknik*. DKI Jakarta: Erlangga, 1993.

[32] O. M. Necati, *Heat Transfer A Basic Approach*. McGraw-Hill Book Company, 1985.

[33] J. P. Holman, *Heat Transfer Tenth Edition*, Tenth Edit. The McGraw-Hill Company, 2010.

[34] B. L. A. G. Smith, “The formation and evolution of synthetic jets,” vol. 10,

no. 9, pp. 2281–2297, 1998.

[35] A. Mcguinn and D. B. Murray, “HT2007-32084 HEAT TRANSFER MEASUREMENTS OF IMPINGING SYNTHETIC AIR JET,” no. February 2015, 2007.

[36] D. R. N. T. T. Jaganatha, “Performance Characteristic of a synthetic jet module for electronic cooling,” 2007.

[37] Dokumen Pribadi