

## DAFTAR PUSTAKA

- [1] “Perkembangan Jumlah Kendaraan Bermotor Menurut Jenis (Unit), 2019-2021,” Badan Pusat Statistik. Accessed: Nov. 22, 2023. [Online]. Available: <https://www.bps.go.id/indicator/17/57/1/jumlah-kendaraan-bermotor.html>
- [2] N. T. Atmoko, A. Jamaldi, and T. W. B. Riyadi, “An Experimental Study of the TEG Performance using Cooling Systems of Waterblock and Heatsink-Fan,” *Automotive Experiences*, vol. 5, no. 3, pp. 261–267, Jun. 2022, doi: 10.31603/ae.6250.
- [3] Md. Asaduzzaman, Md. H. Ali, N. A. Pratik, and N. Lubaba, “Exhaust heat harvesting of automotive engine using thermoelectric generation technology,” *Energy Conversion and Management: X*, vol. 19, p. 100398, Jul. 2023, doi: 10.1016/j.ecmx.2023.100398.
- [4] Y. Zhao *et al.*, “Thermoelectric performance of an exhaust waste heat recovery system based on intermediate fluid under different cooling methods,” *Case Studies in Thermal Engineering*, vol. 23, p. 100811, Feb. 2021, doi: 10.1016/j.csite.2020.100811.
- [5] Marsianus, “Pengaruh Penggunaan Pendingin Udara (Ac) Terhadap Performa Mesin Pada Kendaraan Angkutan Barang Suzuki Mega Carry,” *Fakultas Tekink: Prodi Teknik Mesin*, 2016.
- [6] M. F. Remeli and B. Singh, “Car exhaust waste heat recovery using hexagon shaped thermoelectric generator,” *Journal of Applied Engineering Design and Simulation*, vol. 1, no. 1, pp. 43–51, Oct. 2021, doi: 10.24191/jaeds.v1i1.25.
- [7] D. Kim *et al.*, “Design and performance analyses of thermoelectric coolers and power generators for automobiles,” *Sustainable Energy Technologies and Assessments*, vol. 51, p. 101955, Jun. 2022, doi: 10.1016/j.seta.2022.101955.
- [8] Q. Cao, W. Luan, and T. Wang, “Performance enhancement of heat pipes assisted thermoelectric generator for automobile exhaust heat recovery,” *Appl Therm Eng*, vol. 130, pp. 1472–1479, Feb. 2018, doi: 10.1016/j.applthermaleng.2017.09.134.
- [9] R. Sukarno, “Pemanfaatan Panas Gas Buang Sepeda Motor Sebagai Sumber Energi Alternatif Menggunakan Teknologi Thermoelektrik,” *Jurnal Konversi Energi dan Manufaktur*, vol. 3, no. 3, pp. 149–156, Oct. 2016, doi: 10.21009/JKEM.3.3.6.

- [10] H. D. Thong *et al.*, “An experimental study on the effect of structure of hot side and cool side heatsink to performances of thermoelectric generator unit using heat source from exhaust gas of motorcycle,” *Journal of Technical Education Science*, no. 52, pp. 70–83, 2019.
- [11] H. Gürbüz, H. Akçay, and Ü. Topalçı, “Experimental investigation of a novel thermoelectric generator design for exhaust waste heat recovery in a gas-fueled SI engine,” *Appl Therm Eng*, vol. 216, p. 119122, Nov. 2022, doi: 10.1016/j.applthermaleng.2022.119122.
- [12] Y.-P. Wang, W. Chen, Y.-Y. Huang, X. Liu, and C.-Q. Su, “Performance study on a thermoelectric generator with exhaust-module-coolant direct contact,” *Energy Reports*, vol. 8, pp. 729–738, Nov. 2022, doi: 10.1016/j.egy.2022.05.228.
- [13] R. C. Hartantrie, I. G. E. Lesmana, A. R. T. K, R. A. Rahman, and A. Nugroho, *Motor Bakar Pada Mesin Konversi Energi*. Kabupaten Bandung: Widina Bhakti Persada Bandung, 2022.
- [14] Basyirun, W. D. R, and Karnowo, *Mesin Konversi Energi*. Semarang: Universitas Negeri Semarang, 2008.
- [15] M. A. Zoui, S. Bentouba, J. G. Stocholm, and M. Bourouis, “A Review on Thermoelectric Generators: Progress and Applications,” *Energies (Basel)*, vol. 13, no. 14, p. 3606, Jul. 2020, doi: 10.3390/en13143606.
- [16] D. Enescu and E. O. Virjoghe, “A review on thermoelectric cooling parameters and performance,” *Renewable and Sustainable Energy Reviews*, vol. 38, pp. 903–916, Oct. 2014, doi: 10.1016/j.rser.2014.07.045.
- [17] R. Kumar, *Thermoelectricity and Advanced Thermoelectric Materials*. Woodhead Publishing, 2021.
- [18] S. Sharma, V. K. Dwivedi, and S. N. Pandit, “A Review of Thermoelectric Devices for Cooling Applications,” *Int J Green Energy*, vol. 11, no. 9, pp. 899–909, Oct. 2014, doi: 10.1080/15435075.2013.829778.
- [19] D. Beretta *et al.*, “Thermoelectrics: From history, a window to the future,” *Materials Science and Engineering: R: Reports*, vol. 138, p. 100501, Oct. 2019, doi: 10.1016/j.mser.2018.09.001.
- [20] Y. A. Cengel and A. J. Ghajar, *Heat and Mass Transfer*, Fifth. New York: McGraw-Hill Education, 2015.
- [21] H. Riupassa and W. G. Allo, “Analisis Konveksi Alami Dan Paksa Dengan Variasi Material,” *Jurnal Teknik Mesin*, vol. 8, no. 1, pp. 39–48, 2019.

- [22] I. N. Rokhimi and P. Pujayanto, "Alat Peraga Pembelajaran Laju Hantaran Kalor Konduksi," *Prosiding: Seminar Nasional Fisika dan Pendidikan Fisika*, vol. 6, no. 5, 2015.
- [23] A. A. P. Susastriawan, Sudarsono, and I. G. G. Badrawada, *Perpindahan Kalor Dasar*. Yogyakarta: AKPRIND PRESS, 2022.
- [24] H. Jouhara *et al.*, "Experimental and theoretical investigation of a flat heat pipe heat exchanger for waste heat recovery in the steel industry," *Energy*, vol. 141, pp. 1928–1939, Dec. 2017, doi: 10.1016/j.energy.2017.10.142.
- [25] A. Faghri, "HEAT PIPES: REVIEW, OPPORTUNITIES AND CHALLENGES," *Frontiers in Heat Pipes*, vol. 5, no. 1, Apr. 2014, doi: 10.5098/fhp.5.1.
- [26] H. Jouhara, V. Anastasov, and I. Khamis, "Potential of heat pipe technology in nuclear seawater desalination," *Desalination*, vol. 249, no. 3, pp. 1055–1061, Dec. 2009, doi: 10.1016/j.desal.2009.05.019.
- [27] D. Xie, Y. Sun, G. Wang, S. Chen, and G. Ding, "Significant factors affecting heat transfer performance of vapor chamber and strategies to promote it: A critical review," *Int J Heat Mass Transf*, vol. 175, p. 121132, Aug. 2021, doi: 10.1016/j.ijheatmasstransfer.2021.121132.
- [28] Y. Guo *et al.*, "Experimental investigation and multiparameter analysis of variable conductance heat pipes," *Appl Therm Eng*, vol. 202, p. 117589, Feb. 2022, doi: 10.1016/j.applthermaleng.2021.117589.
- [29] S.-F. Li and Z. Liu, "Parametric study of rotating heat pipe performance: A review," *Renewable and Sustainable Energy Reviews*, vol. 117, p. 109482, Jan. 2020, doi: 10.1016/j.rser.2019.109482.
- [30] N. Putra, R. Saleh, W. N. Septiadi, A. Okta, and Z. Hamid, "Thermal performance of biomaterial wick loop heat pipes with water-base Al<sub>2</sub>O<sub>3</sub> nanofluids," *International Journal of Thermal Sciences*, vol. 76, pp. 128–136, Feb. 2014, doi: 10.1016/j.ijthermalsci.2013.08.020.
- [31] E. Ozbas, S. Selimli, M. Ozkaymak, and A. s. s. Frej, "Evaluation of internal structure modifications effect of two-phase closed thermosyphon on performance: An experimental study," *Solar Energy*, vol. 224, pp. 1326–1332, Aug. 2021, doi: 10.1016/j.solener.2021.07.004.
- [32] Q. Sun, J. Qu, X. Li, and J. Yuan, "Experimental investigation of thermo-hydrodynamic behavior in a closed loop oscillating heat pipe," *Exp Therm Fluid Sci*, vol. 82, pp. 450–458, Apr. 2017, doi: 10.1016/j.expthermflusci.2016.11.040.

- [33] “Types of Heat Pipes,” Celsia. Accessed: Nov. 22, 2023. [Online]. Available: <https://celsiainc.com/heat-sink-blog/types-of-heat-pipes/>
- [34] R. Valentino, Rosehan, and M. S. Y. Lubis, “Analisis Korelasi Parameter Pemotongan Proses Pembubutan Grey Cast Iron Menggunakan Metode Anova,” *Jurnal Syntax Admiration*, vol. 2, no. 2, pp. 316–330, Feb. 2021.
- [35] E. Wijaya *et al.*, *Pengantar Statistika (Konsep Dasar Untuk Analisis Data)*. Jambi: PT. Sonpedia Publishing Indonesia, 2024.
- [36] Haripuddin, M. Irfan, and I. Suhardi, “Analysis Of Thermoelectric Potential Sp1848-27145 Sa As A Power Plant With Utilizing The Heat Energy Of Combustion,” *Journal of Electrical Engineering and Informatics*, vol. 1, no. 1, pp. 16–25, Aug. 2023, doi: 10.59562/jeeni.v1i1.419.
- [37] M. Castañeda, A. A. Amell, M. A. Correa, C. E. Aguilar, and H. A. Colorado, “Thermoelectric Generator Using Low-Cost Thermoelectric Modules for Low-Temperature Waste Heat Recovery,” *Sustainability*, vol. 15, no. 4, p. 3681, Feb. 2023, doi: 10.3390/su15043681.

