

DAFTAR PUSTAKA

- [1] H. J. Goldsmid, *Introduction to Thermoelectricity*. Berlin: Springer-Verlag Berlin Heidelberg, 2010.
- [2] National Aeronautics and Space Administration, "Radioisotope Power Systems: Radioisotope Thermoelectric Generator (RTG)," 2016. [Online]. Available: <https://solarsystem.nasa.gov/rps/rtg.cfm>. [Accessed: 07-Sep-2017].
- [3] A. Mirocha and P. Dziurdzia, "Improved electrothermal model of the thermoelectric generator implemented in SPICE," in *International Conference on Signals and Electronic Systems, 2008. ICSES '08*, 2008, pp. 317–320.
- [4] E. Maciá-Barber, *Thermoelectric Materials Advances and Applications*. Boca Raton: Taylor and Francis Group, LLC, 2015.
- [5] E. D. M. Rowe, D. Ph, D. Sc, and F. Group, *HANDBOOK*. 2006.
- [6] D. Yan, "Modeling and Application of a Thermoelectric Generator," University of Toronto, 2011.
- [7] D. M. Rowe, *Handbook of Thermoelectrics*. Florida, US: CRC Press LLC, 1995.
- [8] A. Montecucco, J. Siviter, and A. R. Knox, "The effect of temperature mismatch on thermoelectric generators electrically connected in series and parallel," *Appl. Energy*, vol. 123, pp. 47–54, 2014.
- [9] L. E. Juanicó and G. F. Rinalde, "Comparative analysis of photovoltaic and thermoelectric panels for powering isolated homes," *J. Renew. Sustain Energy*, vol. 1, pp. 1–6, 2009.
- [10] D. M. Rowe, *Thermoelectrics Handbook Macro to Nano*. Florida, US: CRC Press - Taylor and Francis Group LLC, 2006.
- [11] D. M. Rowe, "Thermoelectric waste heat recovery as a renewable energy source," *Int. J. Innov. Energy Syst. Power*, vol. 1, pp. 13–23, 2006.
- [12] W. He, Y. Su, Y. Q. Wang, S. B. Riffat, and J. Ji, "A study on incorporation of thermoelectric modules with evacuated-tube heat-pipe

- solar collectors,” *Renew. Energy*, vol. 37, no. 1, pp. 142–149, 2012.
- [13] R. Ahiska and H. Mamur, “Design and implementation of a new portable thermoelectric generator for low geothermal temperatures,” vol. 7, no. March, pp. 700–706, 2013.
- [14] S. Kumar, S. D. Heister, X. Xu, J. R. Salvador, and G. P. Meisner, “Thermoelectric generators for automotive waste heat recovery systems part I: numerical modeling and baseline model analysis,” *J. Electron M.*, vol. 42, pp. 665–674, 2013.
- [15] H. Schock, G. Brereton, E. Case, J. D’Angelo, T. Hogan, M. Lyle, R. Maloney, K. Moran, J. Novak, C. Nelson, A. Panayi, T. Ruckle, J. Sakamoto, T. Shih, E. Timm, L. Zhang, and G. Zhu, “Prospects for Implementation of Thermoelectric Generators as Waste Heat Recovery Systems in Class 8 Truck Applications,” *J. Energy Resour. Technol.*, vol. 135, no. 2, pp. 0220011–0220019, 2013.
- [16] A. Heghmanns, “Thermoelectric generator systems for waste heat usage in die- sel electric vehicles.”
- [17] J. W. Fairbanks, “Automotive thermoelectric generators and HVAC,” 2013. [Online]. Available: [http://energy.gov/sites/prod/files/2014/03/f13/ace003_fairbanks_2013\)o.pdf](http://energy.gov/sites/prod/files/2014/03/f13/ace003_fairbanks_2013)o.pdf). [Accessed: 24-Mar-2018].
- [18] C. T. Hsu, C. C. Won, H. S. Chu, and J. D. Hwang, “A case study of thermoelectric generator application on rotary cement furnace,” in *in 2013 8th International Microsystems, Packaging, Assembly and Circuits Technology Conference (IMPACT)*, 2013, pp. 78–81.
- [19] J. W. Fairbanks, “Automotive Thermoelectric generators and HVAC,” 2011. [Online]. Available: http://www.sae.org/events/training/symposia/esvp/presentations/2011/john_fairbanks.pdf. [Accessed: 23-Mar-2018].
- [20] H. B. Gao, G. H. Huang, H. J. Li, Z. G. Qu, and Y. J. Zhang, “Development of stove-powered thermoelectric generators : A review,” vol. 96, pp. 297–310, 2016.

- [21] Y. Zhang, X. Wang, M. Cleary, L. Schoensee, and N. Kempf, "High-performance nanostructured thermoelectric generators for micro combined heat and power systems," *Appl. Therm. Eng.*, vol. 96, pp. 83–87, 2016.
- [22] D. Narducci and B. Lorenzi, "Challenges and perspectives in tandem thermoelectric-photovoltaic solar energy conversion," *IEEE Trans. Nanotechnol.*, vol. 15, no. 3, pp. 348–355, 2016.
- [23] Y. Moumouni, *Designing, Building, and Testing A Solar Thermoelectric Generation, STEG, for Energy Delivery to Remote Residential Areas in Developing Regions*. Las Vegas: University of Nevada, 2015.
- [24] S. M. O. Shaughnessy, M. J. Deasy, J. V Doyle, and A. J. Robinson, "Energy for Sustainable Development Field trial testing of an electricity-producing portable biomass cooking stove in rural Malawi," *Energy Sustain. Dev.*, vol. 20, pp. 1–10, 2014.
- [25] R. Y. Nuwayhid, A. Shihadeh, and N. Ghaddar, "Development and testing of a domestic woodstove thermoelectric generator with natural convection cooling," vol. 46, pp. 1631–1643, 2005.
- [26] R. Y. Nuwayhid, D. M. Rowe, and G. Min, "Low cost stove-top thermoelectric generator for regions with unreliable electricity supply," vol. 28, pp. 205–222, 2003.
- [27] X. F. Zheng, Y. Y. Yan, and K. Simpson, "A potential candidate for the sustainable and reliable domestic energy generation - Thermoelectric cogeneration system," *Appl. Therm. Eng.*, vol. 53, no. 2, pp. 305–311, 2013.
- [28] V. I. Kubov and Y. Y. Dymyrov, "LTspice-model of Thermoelectric Peltier-Seebeck Element," no. 5, pp. 47–51, 2016.
- [29] S. Eka, "Thermoelectric Generator Terintegrasi Boiler Biomassa Sebagai Teknologi Alternatif Penghasil Energi Listrik Untuk Rumah Tangga Daerah Terpencil di Indonesia," Universitas Gadjah Mada, 2017.