

References

- [1] Butti, K., Perlin, J., 1980. *A Golden Thread – 2500 Years of Solar Architecture and Technology*. Cheshire Books Palo Alto, CA USA.
- [2] Mouchot, A.B., 1869. *La Chaleur solaire et ses applications industrielles*. Gauthier- Villars, Paris.
- [3] Silvi, C., 2003. Can the history of energy technology and use educate us for a solar energy future? The Italian case. In: *ISREE-9 Proceedings ISES Solar World Congress 2003*, Göteborg, Sweden.
- [4] Balaras, C.A., Grossman, G., Henning, H.M., Infante Ferreira, C.A., Podesser, E., Wang, L., Wiemken, E., 2007a. Solar air conditioning in Europe – an overview. *Renew. Sustain. Energy Rev.* 11, 299–314.
- [5] Kalogirou, S.A., 2004. Solar thermal collectors and applications. *Prog. Energy Combust. Sci.* 30, 231–295.
- [6] J. Rugh, R. Farrington, *Vehicle ancillary load reduction project close-out report: an overview of the task and a compilation of the research results*. Laporan, 2008.
- [7] K.B. Roberts, E.C. Roberts, The automobile and heat stress, *Pediatrics* 58 (1) (1976) 101–104.
- [8] D.S. Parker, Analysis of radiant barrier car shade performance: preliminary experiments and proof of concept. Laporan, 1988.
- [9] L.I. Gibbs, D.W. Lawrence, A. Kohn, Heat exposure in an enclosed automobile, *J. La State Med. Soc.* 147 (12) (1995).
- [10] K. King, K. Negus, J.C. Vance, Heat stress in motor vehicles: a problem in infancy, *Pediatrics* 68 (4) (1981) 579–582.
- [11] J.P. Chiou, *Application of Solar-Powered Ventilator in Automobiles*, Laporan, 1986.
- [12] John P. Rugh, Lawrence Chaney, J. Lustbader, J. Meyer, Mukesh Rustagi, K. Olson, R. Kogler, Reduction in vehicle temperatures and fuel use from cabin ventilation, solar-reflective paint, and a new solar-reflective glazing. *SAE World Congress*. Detroit, Michiga, NREL/CP-540-40986, 2007.
- [13] M.A. Jasni, F.M. Nasir, *Experimental Comparison Study of the Passive Methods in Reducing Car Cabin Interior Temperature*, 2012.
- [14] S.C. Vishweshwara, J.M.A. Dhali, Study of excessive cabin temperatures of the car parked in oman and its mitigation, *Int. J. Multidisciplinary Sci. Eng.* 4 (9) (2013) 18–22
- [15] G. Gowtham, K. Kumar, S.S. Charan, K. Manivannan, Experimental analysis of solar powered ventilation coupled with thermo electric generator on unroofed parked vehicles, *Int. J. Mech. Eng. Technol. (IJMET)* 3 (3) (2012) 471–482.
- [16] M.A. Jeffers, L. Chaney, J.P. Rugh, *Climate Control Load Reduction Strategies for Electric Drive Vehicles in Warm Weather*. SAE Technical Paper 2015-01-0355, 2015.
- [17] X.Q. Zhai, Z.P. Song, R.Z. Wang, A review for the applications of solar chimneys in buildings, *Renew. Sustain. Energy Rev.* 15 (8) (2011) 3757–3767.
- [18] F. Allard, C. Ghiaus, *Natural Ventilation in the Urban Environment. Assessment and Design* Ed, Earthscan LLC, 2012.
- [19] M. Germano, C.A. Roulet, Multicriteria assessment of natural ventilation potential, *Sol. Energy* 80 (4) (2006) 393–401.

- [20] G. Wang, B. Chen, M. Liu, J. Henkel, S. Raulin, Analysis, design, and preliminary testing of solar chimney for residential air-conditioning applications, ASME 2004 International Solar Energy Conference. Portland, Oregon, USA, (2004).
- [21] A.S.H. Abdallah, H. Yoshino, T. Goto, N. Enteria, M.M. Radwan, M.A. Eid, Integration of evaporative cooling technique with solar chimney to improve indoor thermal environment in the New Assiut City, Egypt, *Int. J. Energy Environ. Eng.* 4 (1) (2013) 45.
- [22] J. Rugh, R. Farrington, Vehicle ancillary load reduction project close-out report: an overview of the task and a compilation of the research results. Laporan, 2008.
- [23] G. Gan, S.B. Riffat, A numerical study of solar chimney for natural ventilation of buildings with heat recovery, *Appl. Therm. Eng.* 18 (12) (1998) 1171–1187.
- [24] Y. Li, A. Delsante, J. Symons, Prediction of natural ventilation in buildings with large openings, *Build. Environ.* 35 (3) (2000) 191–206.
- [25] S. Spencer, Z. Chen, Y. Li, F. Haghighat, Experimental investigation of a solar chimney natural ventilation system, *Air Distribution in Rooms* (2000) 813–818.
- [26] D. Marcos, F.J. Pino, C. Bordons, J.J. Guerra, The development and validation of a thermal model for the cabin of a vehicle, *Appl. Therm. Eng.* 66 (1–2) (2014) 646–656.
- [27] R. Saidur, H.H. Masjuki, M. Hasanuzzaman, Performance of an improved solar car ventilator, *Int. J. Mech. Mater. Eng. (IJMME)* 4 (1) (2009) 24–34.
- [28] E. Cao, *Heat Transfer in Process Engineering* Ed. McGraw-Hill, New York, 2010.
- [29] Z. Abdel Rehim, A new design of solar water heater, *Procee. Indian Acad. Sci. – Chem. Sci.* 110 (3) (1998) 373–384.
- [30] J.A. Duffie, W.A. Beckman, *Solar Engineering of Thermal Processes*, Wiley, 1991.
- [31] P. Raman, S. Mande, V.V.N. Kishore, A passive solar system for thermal comfort conditioning of buildings in composite climates, *Sol. Energy* 70 (4) (2001) 319–329.
- [32] Lee, D.W., Oh, D.H. and Jee Y.J., 2014, "Investigation of R134a Heat Pump System for Zero Emission Vehicle," KSAE Conference, pp. 595~600.
- [33] Lustbader, J.A., 2012, "Light Vehicle HVAC Model Development and Validation," NREL FY 2012 Annual Progress Report, pp. 254~260.
- [34] Sung-Soo Kim, Sangseok Yu, 2016 "Characteristic of Cabin Temperature According to Thermal Load Condition of Heat Pump for Electric Vehicle"
- [35] M. Kolhea*, T. Muneerb, S.K. Adhikarib , 2017 "Parked Electric Vehicle's Cabin Temperature Management Using Photovoltaic Powered Ventilation"
- [36] Karthick Sakthivel, (Sakthivel, 2016)2016"Solar panel on the roof top of the bus for Air conditioner"
- [37] Young, W. (2017). Applying Solar Energy to Food Trucks.
- [38] Zhixing Wang (2016)"Enhance the heating performance of an electric vehicle AC/HP system under low temperature"