

REFERENCES

- 1- Kreith, F., Krider, J. F., Solar Heating and Cooling, Active and Passive Design, Hemisphere publishing cooperation, McGraw Hill book company, second edition, 1982.
- 2- Lebens, R. M., Passive Solar Heating Design, Applied Science publishers Ltd, London, 1980.
- 3- Howell, J. R., Bannerot, R. B., Vliet, G. C., Solar- Thermal Energy Systems, Analysis and Design, McGraw Hill, 1982.
- 4- Mosalam, M. A., Egyptian Solar Radiation Atlas, New and Renewable Energy Authority, Nasr City, Cairo, 1980.
- 5- Wang, S.K., & Lavan, Z., Air-Conditioning and Refrigeration, Mechanical Engineering Handbook Ed. Frank Kreith, 1999.
- 6- Tan, M., Opposite Sunspaces Passive Solar Air Heating System, Turkish International Cooperation Agency, Ankara, Turkey, February 1996.
- 7- Abu-Hamdeh, N. H., Simulation Study of Solar Air Heater, Jordan University of Science and Technology, Jordan, 2003.
- 8- Garde, F., Mara, T., Lauret, A. P., Boyer, H., & eta , Global Approach in the Design of Passive Solar Buildings under Humid Tropical Climates,

Laboratoire de Genie Industriel, 1UT de Saint Pierre, University of Reunion Island, France, 2001.

9- Givoni, B., Characteristics, Design Implications, and Applicability of Passive Solar Heating System for Buildings, graduate school of architecture and urban planning, university of California, Los Angeles, U.S.A, 1991.

10- Zrikem, Z., & Bilgen, E., Theoretical Study of a Composite Trombe-Michel Wall Solar Collector System, Ecole Polytechnique, Genie Mecanique, Montreal, Canada, 1983.

11- Furbo, S., & Shah, L. J., Thermal Advantages for Solar Heating Systems with a Glass Cover with Antireflection Surfaces, department of civil engineering, technical university of Denmark, 2003.

12- Rincon, J., Almaso, N., & Gonzalez, E., Experimental and Numerical Evaluation of a Solar Passive Cooling System under Hot and Humid Climatic Conditions, Laboratorio de Simulacion Computational, Escuela de Ingenieria Mecanica, Universidad del Zulia, Venezuela, 2000.

13- Faggebaum, D., Costa, M., Soria, M., & Oliva, A., Numerical Analysis of the Thermal Behavior of Glazed Ventilated Facades in Mediterranean Climates, Centre Tecnologie de transferencia de calor (CTTC), Barcelona, Spain, 2003.

14- Ciampi, M., Leccese, F., & Tuoni, G., Ventilated Facades Energy Performance in Summer Cooling of Buildings, Faculty of Engineering, University of Pisa, Italy, September 2003.

15- He, J., Okumura, A., Hoyano, A., & Om, K. A., A Solar Cooling Project for Hot and Humid Climates, Solar Association, Japan, 2000.

16- Tsur, Y., & Zemel, A., Long-Term Perspective on the Development of Solar Energy, Department of Agricultural Economics and Management, The Hebrew University of Jerusalem, Israel, January 2000.

17- Gemuth, N. W., & Missfeldt, F., The Kyoto Mechanisms and the Prospects for Renewable Energy Technologies, Department of Economics, University of Klagenfurt, Austria, 2000.

18- Raman, P., Mandu, S., & Kishore, V.V.N., A Passive Solar System for Thermal Comfort Conditioning of Buildings in Composite Climates, Tata Energy Research Institute, New Delhi, India, 2000.

19- Arora, S.C., Domkundwar, S., A course in Refrigeration & Air-Conditioning [Environmental Engineering], Dhanpat Rai & Sons, 1981.

20- Reinhold, N. Van, Passive solar design handbook, New York, USA, 1984.

21- Beckermann, C., Ramadhyani, S., & Viskanta, R., Natural Convection Flow and Heat Transfer between a Fluid Layer and A Porous Layer Inside a

Rectangular Enclosure, Heat Transfer Laboratory, School of Mechanical Engineering, Purdue University, West Lafayette, 1987.

22- Peuportier, B., & Michel, J., Comparative Analysis of Active and Passive Solar Heating Systems with Transparent Insulation, Ecole des Mines de Paris, France, 1995.

23- Nayak, J. K., & Amer, E. H., Experimental and Theoretical Evaluation of Dynamic Test Procedures for Solar Flat-Plate Collectors, Department of Mechanical Engineering, IIT, Bombay, India, and Department of Mechanical Engineering, Faculty of Engineering, Menoufia University, Egypt, 2000.

24- Dusyarov, A. S., Avezov, R. R., & Avezov, R. R., Daily Variation of the Thermal Efficiency of Passive Solar Heating Systems Equipped with Flat-Plate Reflectors, Applied Solar Energy, 2001.

25- Du, Z. G., & Bilgen, E., Natural Convection in Vertical Cavities with Partially Filled Heat-Generating Porous Media, Ecole Polytechnique, Montreal, Quebec, Canada, 1990.

26- Mbaye, M., & Bilgen, E., Conduction and Convection Heat Transfer in Composite Solar Collector Systems with Porous Absorber, Montreal, Quebec, Canada, 1993.

27- Fang, X., & Li, Y., Numerical Simulation and Sensitivity Analysis of Lattice Passive Solar Heating Walls, Institute of Air Conditioning and

Refrigeration, Nanjing University, China, and Department of Thermal Engineering, Tsinghua University, China, 1999.

28- Meinel, A. B., & Meinel, M. P., Applied Solar Energy: An Introduction, Addison Wesley Publishing Company, 1977.

29- Elsyed, M. M., Taha, I. S., & Sabbagh, J. A., Design of Solar Thermal Systems, Scientific Publishing Center, King Abdulaziz Univeristy, Saudi Arabia, 1994.

30- Anderson, E. E., Fundamentals of Solar Energy Conversion, Addison Wesley Publishing Company, 1983.

31- Paul, J. K., Passive Solar Energy Design and Materials, Noyes Data Corporation, 1979.

32- Goswami, D. Y., Principles of Solar Engineering, Taylor & Fran, 2000.

33- Sayigh, A. A. M., & McVeigh, J. C., Solar Air Conditioning and Refrigeration, Pergamon Press, 1992.

34- Mayers, J. D., Solar Application in Industry and Commerce, Prentice Hall Inc, 1984.

35- White R. M., & Hu, C., Solar Cells: From Basics to Advanced Systems, McGraw Hill Book Company, 1983.

- 36- Kreider, J. F., Hoogendoorn, C. J., & Kreith, F., Solar Design: Components, Systems Economics, Hemisphere Publishing Corporation, 1989.
- 37- Sukhatme, S. P., Solar Energy (Principles of Thermal Collection and Storage), Tata McGraw Hill Publising Company Ltd, 1984.
- 38- Sayigh, A. A. M., Solar Energy Application in Buildings, Academic Press, 1979.
- 39- Nevillie, R. C., Solar Energy Conversion, Elsevier Science, 1978.
- 40- Daniels, F., & Duffie, J. A., Solar Energy Research, University of Wisconsin Press, 1961.
- 41- Dickinson, W. C., & Cheremisinoff, P. N., Solar Energy Technology Handbook, Marcel Dekker Inc, 1980.
- 42- Duffie, J. A., & Beckman, W. A., Solar Energy Thermal Processes, John Wiley, 1974.
- 43- Duffie, J. A., & Beckman, W. A., Solar Engineering of Thermal Processes, John Wiley, 1991.
- 44- Sodha, M. S., Bansal, P. K., & Malik, M. A. S., Solar Passive Building: Science and Design, Pergamon Press, 1986.

45- Agnihotric, O. P., & Gupta, B. K., Solar Selective Surfaces, John Wiley, 1981.

46- Eicker, U., Solar Technologies for Buildings, John Wiley, 2003.

47- Lunde, P. J., Solar Thermal Engineering Space Heating and Hot Water Systems, John Wiley, 1980.

48- Garg, H. P., Treatise on Solar Energy, John Wiley, 1982.

49- Garg, H. P., Advances in Solar Energy Technology, D. Reidel Publishing Company.

50- McVeigh, J. C., Sun Power, Pergamon Press, 1976.

51- Ben- Nakhi, A., Mahmoud, M. A., Conjugate turbulent natural convection in the roof enclosure of a heavy construction building during winter, College of Technological Studies, Kuwait, August 2007

52- Frank P. Incropera, & David P. DeWitt Introduction to heat transfer, third edition, 1996