

Bibliografía

- 1- A. Bejan, *Heat Transfer*, Wiley (1993).
- 2- A. Bejan and A. D. Kraus, *Heat Transfer Handbook*, Wiley (2003).
- 3- A. Crespo, *Mecánica de Fluidos*, Thompson-Paraninfo, (2006).
- 4- L. M. Molina-Niñerola Medina, “*Estudio numérico de flujos inducidos por convección natural en sistemas pasivos de climatización (paredes “Trombe”)*”, Proyecto Fin de Carrera, Universidad Politécnica de Cartagena (2000).
- 5- F. J. Neila González, *Arquitectura Bioclimática*, Munilla-leria (2004).
- 6- S. V. Patankar, *Numerical Heat Transfer and Fluid Flow*, Hemisphere Publishing Corporation (1980).
- 7- A. Sánchez Kaiser, “*Estudio de la transferencia de calor y de los flujos convectivos inducidos en una cubierta hídrico-solar*”, Tesis doctoral, Universidad Politécnica de Cartagena, Cartagena (2005).
- 8- R. Serra, *Clima, Lugar y Arquitectura. Manual de diseño bioclimático*. Ciemat, Ministerio de Industria y Energía (1989). ISBN: 84-7834-016-5.
- 9- H. K. Versteeg and W. Malalasekera, *An introduction to Computational Fluid Dynamics. The Finite Volume Method*, Prentice Hall (1995).
- 10- P. J. Roache, *Computational Fluid Dynamics*, Hermosa, Albuquerque N. M., (1976).
- 11- B. Zamora, “*Estudio numérico para el estudio de flujos inducidos por convección natural en sistemas de placas verticales paralelas*”, Tesis doctoral, Universidad Nacional de Educación a Distancia, Madrid (1995).
- 12- A.K. da Silva and L. Gosselin, “*Optimal geometry of L and C – shaped channels for maximum heat transfer rate in natural convection*”, *International journal for heat and mass transfer* Vol. 48, pp. 609-620 (2005).
- 13- H. B. Awbi, “*Design considerations for naturally ventilated buildings*”, *Renovable Energy*, vol. 5 Part II, pp. 1081-1090 (1994).
- 14- A. M. Rodrigues, A. Canha da Piedade, A. Lahellec and J. Y. Grandpeix, “*Modelling natural convection in a heated vertical channel for room ventilation*”, *Building and environment* Vol. 35, pp. 455-469, (2000).
- 15- A.N. Kolmogorov, “*Equations of turbulent motion of an incompressible fluid*”, *Izvestia Academy of Sciences USSR, Physics* Vol. 6, pp. 56-58, (1942).
- 16- D.C. Wilcox, *Turbulence Modeling for CFD*, 2nd ed., DCW Industries, USA, (2003).

- 17- R.A. Wirtz and R.J. Stutzman, “*Experiments on free convection between vertical plates with symmetric heating*”, *ASME J. Heat Transfer* Vol. **104**, pp. 501-507, (1982).
- 18- G. C. Vliet and D. C. Ross, “*Turbulent natural convection on upward and downward facing inclined heat flux surfaces*” *J. Heat Transfer* Vol. **97**, pp. 549-555, (1975).
- 19- B. Van Leer, “*Towards the Ultimate Conservative Difference Scheme V. A Second Order Sequel to Godunov’s Method*”, *J. Comput. Phys.* Vol. **32**, pp. 101-136, (1979).
- 20- S.V. Patankar and D.B. Spalding, “*A calculation procedure for heat, mass and momentum transfer in three-dimensional parabolic flows*”, *Int. J. Heat Mass Transfer* Vol. **15**, pp. 1787-1806, (1972).
- 21- T.A.M. Versteegh and F.T.M. Nieuwstadt, “*A direct numerical simulation of natural convection between two infinite vertical differentially heated walls scaling laws and wall functions*”, *Int. J. Heat Mass Transfer* Vol. **42**, pp. 3673-3693, (1999).
- 22- R.A.W.M. Henkes and C.J. Hoogendoorn, “*Comparison exercise for computations of turbulent natural convection in enclosures*”, *Numerical Heat Transfer (Part B)* Vol. **28**, pp. 59-78, (1995).
- 23- X. Yuan, A. Moser and P. Suter, “*Wall functions for numerical simulation of turbulent natural convection along vertical plates*” *Int. J. Heat Mass Transfer* Vol. **36**; pp. 44777-85, (1993).
- 24- N. Kasagi and M. Nishimura, “*Direct numerical simulation of convined forced and natural turbulent convection in a vertical plane channel*”, *Int. J. Heat Fluid Flow* Vol. **18**, pp. 88-99, (1997).
- 25- J. R. Philips, “*Direct simulation of turbulent unstratified natural convection in a vertical slot for $Pr = 0.71$* ” *Int. J. Heat Mass Transfer* Vol. **39**, pp. 2485-2499, (1996).
- 26- J.F. Robert, J.J. Peube and F. Trombe, “*Experimental Study of Passive Air-Cooled Flat-Plate Solar Collectors: Characteristics and Working Balance in the Obeillo Solar Houses,*” *Energy Conversion in Heating and Cooling and Ventilation Buildings* Vol. **2**, Hemisphere Publishing Corp., pp. 761-782, (1978).
- 27- D. B. Spalding, “*A novel finite – difference formulation for differential expresions involving both first and second derivatives*”, *Int. j.Num. Methods Eng.* Vol. **4**, p. 551, (1972).
- 28- N. P. Waterson and H. Deconick, “*A unified approach to the design and application of bounded higher – order convection schemes*”, *VKI Preprint* 1995-21, (1995).
- 29- I. Cabanyes, “*Proyecto de motor solar*”, *La Energía Eléctrica* Vol. **1**, (1903).
- 30- B. Zamora, L. Molina-Niñirola y A. Viedma, “*Estudio numérico del flujo inducido por convección natural en una pared Trombe*”, *Rev. Int. Met. Num. Calc. Dis. Ing.* Vol. **18**, pp. 227-242, (2002).
- 31- A.S. Kaiser, B. Zamora and A. Viedma, “*Correlation for Nusselt Number in Natural Convection in Vertical Convergent Channels at Uniform Wall Temperature by a Numerical Investigacion*”, *Int. J. Heat Fluid Flow* Vol. **25**, pp. 671-682, (2004).
- 32- A.S. Kaiser and A. Viedma, “*Hydrosolar roof for integrated energy dissipation and capture in buildings*”, *Energy and Buildings* Vol. **33**, pp. 673-682, (2001).