

4. MacGregor R. K. and Emery A. F. Free convection through vertical plane layers—moderate and high Prandtl number fluids. *J. Heat Transfer*, 1969, **91**, 391–503
5. Ostrach S. Natural convection in enclosures. *Advances in Heat Transfer*, 1972, **8**, 161–227
6. Raithby G. D. and Wong H. H. Heat transfer by natural convection across vertical air layers. *Numerical Heat Transfer*, 1981, **4**, 447–457
7. Bankvall C. G. Natural convection heat transfer in insulated structures, 1972, *Report*, **38**, Lund Institute of Technology
8. Chan B. K. C., Ivey C. M. and Barry J. M. Natural convection in enclosed porous media with rectangular boundaries. *J. Heat Transfer*, 1970, **92**, 21–27
9. Burns P. J., Chow L. C. and Tien C. L. Convection in a vertical slot filled with porous insulation. *Int. J. Heat Mass Transfer*, 1977, **97**, 449–474
10. Walker K. L. and Homsy G. M. Convection in a porous cavity. *J. Fluid Mech.*, 1978, **97**, 449–474
11. Bejan A. On the boundary layer regime in a vertical enclosure filled with a porous medium. *Letters in Heat and Mass Transfer*, 1979, **6**, 93–102
12. Blythe P. A. and Simpkins P. G. Convection in a porous layer for a temperature dependent viscosity. *Int. J. Heat Mass Transfer*, 1981, **24**, 497–506
13. Hickox C. E. and Gartling D. K. A numerical study of natural convection in a horizontal porous layer subjected to an end-to-end temperature difference. *J. Heat Transfer*, 1981, **103**, 797–802 802
14. Shiralkar G. S., Haajizadeh M. and Tien C. L. Numerical study of high Rayleigh number convection in a vertical porous enclosure. *Numerical Heat Transfer*, 1983, **6**, 223–234
15. Tong T. W., Birkebak R. C. and Enoch I. E. Thermal radiation, convection and conduction in porous media contained in vertical enclosures. *J. Heat Transfer*, 1983, **105**, 414–418
16. Lock G. S. H. and Ko R. S. Coupling through a wall between two free convection systems. *Int. J. Heat Mass Transfer*, 1973, **16**, 2087–2096
17. Viskanta R. and Lankford D. W. Coupling of heat transfer between two natural convection systems separated by a vertical wall. *Int. J. Heat Mass Transfer*, 1981, **24**, 1171–1177
18. Anderson R. and Bejan A. Heat transfer through single and double vertical walls in natural convection: theory and experiment. *Int. J. Heat Mass Transfer*, 1981, **24**, 1611–1620 1620
19. Bejan A. and Anderson R. Heat transfer across a vertical impermeable partition imbedded in porous medium. *Int. J. Heat Mass Transfer*, 1981, **24**, 1237–1245
20. Vafai K. and Tien C. L. Boundary and inertial effects on flow and heat transfer in porous media. *Int. J. Heat Mass Transfer*, 1981, **25**, 195–203
21. Neale G. and Nader W. Practical significance of Brinkman's extension of Darcy's law: coupled parallel flows within a channel and a bounding porous medium. *Canadian J. Chem. Eng.*, 1974, **52**, 475–478
22. Lundgren T. S. Slow flow through stationary random beds and suspensions of spheres. *J. Fluid Mech.*, 1972, **51**, 273–299
23. Neale G., Epstein N. and Nader W. Creeping flow relative to permeable spheres. *Chem. Eng. Sci.*, 1973, **28**, 1865–1874 1874
24. Spielman L. and Goren S. L. Model for predicting pressure drop and filtration efficiency in fibrous media. *Environmental Sci. and Technol.*, 1968, **2**, 279–287
25. Tong T. W. and Subramanian E. A boundary-layer analysis for natural convection in vertical porous enclosures—use of the Brinkman-extended Darcy model. *Int. J. Heat Mass Transfer*, 1985, **28**, 563–571

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