

David Reynolds Publications

Journal Papers

Reynolds, D. J., Jance, M. J., Behnia, M. and Morrison, G. L., 2004, "An experimental and computational study of the heat loss characteristics of a trapezoidal cavity absorber," *Solar Energy*, 76, 229-234.

Conference Papers

Reynolds, D. J., Behnia, M. and Morrison, G. L., 2002, "A hydrodynamic model for a line-focus direct steam generation solar collector," Proc. 40th Annual Conf. of the ANZSES, Newcastle, Australia, November.

Reynolds, D.J., Behnia, M. and Morrison, G. L., 2001, "A computational study of conjugate heat transfer in a trapezoidal cavity," Proc. APCOM-01, Sydney, Australia, November.

Reynolds, D., Jance, M. J., Behnia, M. and Morrison, G. L., 2001, "An experimental and computational study of the heat loss characteristics of a trapezoidal cavity absorber," Proc. International Solar Energy Society World Congress, Adelaide, Australia, November.

Reynolds, D.J. , Behnia, M. and Morrison, G. L., 2000, "Heat transfer in a trapezoidal cavity absorber for a solar thermal collector," Proc. 38th Annual Conf. of the ANZSES, Griffith University, Brisbane, Australia, November, pp 547-555.

Reynolds, D.J. , Behnia, M. and Morrison, G. L., 2000, "Combined radiation and natural convection in a trapezoidal cavity absorber," Proc. 7th Australasian Heat and Mass Transfer Conference, James Cook University, Townsville, Australia, July, pp 279-284.

PhD Thesis

Reynolds, D. J., 2005, "A thermal and hydrodynamic model for a compact linear Fresnel reflector-type solar thermal collector," PhD Thesis, The University of New South Wales School of Mechanical and Manufacturing Engineering, Sydney, Australia.