

SCHOOL OF ENGINEERING

PhD Thesis

Year	Author	Title
1968	BROWN, Edwin Thomas	The Influence of Planar Discontinuities on the Shear Strength of a Rock-Like Material
1968	STARK, Kevin Percy	Some Aspects of the Non-Linear Laminar Regime of Flow in Porous Media
1970	MOLIN, Sven Erik	An Investigation of the Influence of some Parameters on the Limits between Acceptable Operation and Seizure of the Plain Radial Bearing
1971	BEST, Baden Suttor	An Investigation into the Use of Finite Element Methods for Analysing Stress Distributions in Block Jointed Masses
1971	BURMAN, Brian Carey	A Numerical Approach to the Mechanics of Discontinua
1973	BYRNE, Robert John	Physical and Numerical Models in Rock and Soil Slope Stability
1974	GONANO, Luigi Pacifico	Stress Gradient and Size Effect Phenomena in Brittle Materials
1974	BODLEY, William Eric	Arterial Blood Flow – A Study of the Pressure Gradient – Flow Relationship
1974	HAMMETT, Ross David	A Study of the Behaviour of Discontinuous Rock Masses
1978	ABEL, David John	A Solution Technique for the Cane Railway Routing and Scheduling Problem
1979	GUVANASEN, Varuttamadhira	Theoretical and Experimental Studies of Clogging and Contamination in Artificial Groundwater Recharge
1979	DUNBAVAN, M	Sequential Failure of Granular Slopes
1980	HARPER, Bruce Allan	Numerical Simulation of Tropical Cyclone Storm Surge
1983	YOUNG, Ian Robert	The Response of Waves to an Opposing Wind
1986	READ, William Wayne	Time Series Analysis of Wave Records and the Search for Wave Groups
1986	ECKERSLEY, John David	The Initiation and Development of Slope Failures with Particular Reference to Flowslides
1987	POMEROY, Alan Bruce	A Systems approach to the Geochemistry, Mineralogy and sedimentation of a Coastal Catchment and Tidal Flats in the Dry tropics near Townsville, North Queensland, Australia
1988	YUEN, Chi-Kuen Stanley	Analytical and Experimental Studies of a Recoverable 3-D Stressmeter for Rock
1989	OTTO, Bastian	Scour Potential of Highly stressed sheet-jointed rocks under Obliquely Impinging Plane Jets with Special Reference to the Burdekin Falls Dam
1991	DIGHT, Ian John	Numerical Simulation of Larval Dispersal and Recruitment within the Great Barrier Reef and its Application to the <i>Acanthaster</i> Phenomenon and Coral Reef Resource Management
1993	HARDY, Thomas Allard	The Attenuation and Spectral Transformation of Wind Waves on a Coral Reef
1993	HUGHES, Rowan David	An Investigation of the Coral Sea with an Ocean General Circulation Model
1994	EL-GHONEMY, Nasser Aly Aly	Non-Linear Behaviour of Reinforced Concrete Framed Structures Subjected to Cyclic Loads Including Effects of Flexure, Shear and Torsion.
1994	SCANDOL, James Paul	Metapopulation Models of the crown-of-thorns Starfish (<i>Acanthaster planci</i>) on the Central Great Barrier Reef: an analysis of design, interpretation and role in management.
1995	WALTON, Richard Scott	Solute Transport by Surface Runoff from Low Angle Slopes
1997	PLACE, Anthony Glen	The Effect of Noise on the Identification of System Parameters using Subspace Procedures

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1997	ROY, Robert James	The Effects of Scale Distortion on Boundary Layer Wind Tunnel Measurements of Total Loads on a Low Rise Building Model
1997	DUVAL, Portia Anastasia	Buoyant Jet Entering Current Affected Shallow Receiving Water
1999	PETERSON, Eric Laurentius	The Effect of Aerators on the Benthic Shear Stress in a Pond
1999	FANG, Fangxin	Viscous Oil Contained Under Open Sea Conditions
1999	OEMCKE, Darren James	Investigation of Options for the Treatment and Management of Ships' Ballast Water
1999	DOWNING, Christopher Mark	Investigation of the Effects of Soil Contamination on the Crushing of Comminuted Sugar Cane
1999	MCBAIN, Geordie Drummond	Vapour transport across gas-filled enclosures
1999	BOWTHORPE, Brian John	Microwave Propagation Impairments in Tropical Rain
1999	LAVARACK, Bryan Peter	Aspects of High Value Chemicals from Australian Sugar Cane Bagasse
2000	GRABOVICKIC, Robert	Analysis, Modelling and Measurements of Nonlinear Surface Resistance of $YBa_2Cu_xO_{7-x}$ High Temperature Superconducting Thin Films using Dielectric Resonators
2000	BHARGAVA, Atul	Optimised Heat Transfer Models for Fire Retardant Materials
2000	BLINCO, Jo-Anne Lisa	Conversion of Sugar Industry By-Products to Value-Added Chemicals
2001	STEPHENS, Darrin William	Studies on Modelling Circulation in Sugar Vacuum Pans
2001	SCHULTZ, Andrew Paul	The Side Heated Square Cavity at Start Up: An Investigation of the Boundary Layers and Intrusion Flow
2001	KOCATEPE, Unsal	Applications of Digital Signal Processing
2001	LAWREY, Eric Phillip	Adaptive Techniques for Multiuser OFDM
2002	BARTON, Roy Terrence	Value Management and Complexity in Infrastructure Project Initiation
2002	NIELSEN, John Harvey	Limitations of helicopter wire strike prevention systems that use detection, measurement and processing of signals sensed by induction from power line magnetic fields
2003	KENT, Geoffrey Alan	Increasing the capacity of Australian raw sugar factory milling units
2003	KANNAPIRAN, Arasu	Computational and Experimental Modelling of the Crushing of Prepared Sugar Cane
2003	BRITTON, Paul	Application of Image Measurement and Continuum Mechanics to Measuring the Large-Strain Kinematic Behaviour of Prepared Sugar Cane and Bagasse
2004	RANKINE, Rudd McAuslan	The Geotechnical Characterisation and Stability Analysis of BHP Billiton's Cannington Paste Backfill
2004	KEIR, John	An Analytical and Experimental Investigation of Active Vibration Control Techniques on coupled plate structures
2004	PENNISI, Steven Neil	Development of a more Energy Efficient Roberts Evaporator Design based on CFD Modelling
2005	JOHNSON, Kate	Load-Deformation Behaviour of Foundations under vertical and oblique loads
2005	RANKINE, Kirralee Jo	An investigation into the drainage characteristics and behaviour of hydraulically placed mine backfill and permeable minefill barricades
2006	FABIAN, Cesimiro	Copper Electrodeposition in the Presence of Guar or Activated Polyacrylamide
2006	XU, Feng	Transient natural convection in a differentially heated cavity with and without a fin on the sidewall