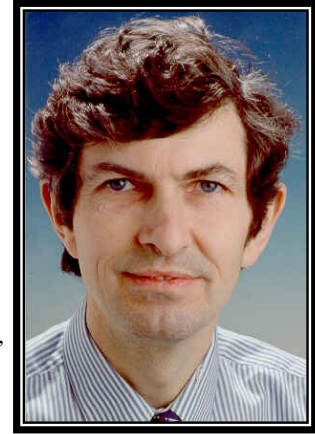


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QUALIFICATIONS B.Sc (Eng) in Civil Engineering, University of Nottingham, 1966
Ph.D in Civil Engineering, University of Southampton, 1972

EMPLOYMENT 1970 - 71 Computation Research & Development, London U.K.
Engineering Applications Programmer.
1972 - 75 Centre Technique des Industries Mécaniques, Senlis, France,
Ingénieur, Département Théorique et Engrenages.
1975 - 77 Costain International, London (UK). Design Engineer.
1977 - 80 Imperial College, London UK). Research Fellow.
1980 - 81 Research Assistant.
1981 - 87 Lecturer.
1987 - UNSW School of Mining Engineering. Senior Lecturer.

TEACHING AREAS Stress Analysis
Rock Mechanics
Finite Element Methods
Boundary Element Methods

RESEARCH INTERESTS Boundary and Finite Element Methods in solid and fluid mechanics.
Fracture Mechanics
Stress Analysis in mining by finite and boundary element methods

SELECTED PUBLICATIONS Lachat, J C and Watson, J O, 1976. Effective numerical treatment of boundary integral equations, in *Int. J. Num. Meth. Engg.* 10:991-1006.
Beer, G and Watson, J O, 1989. Infinite boundary elements, in *Int. J. Num. Meth. Engg.* 28:1233-1247.
Beer, G and Watson, J O, 1992. *Introduction to Finite and Boundary Element Methods for Engineers*, (Wiley:Chichester, U.K).
Watson, J O, 1995. Singular boundary elements for the analysis of cracks in plane strain, in *Int. J. Num. Meth. Engg.* 38:2389-2411.
Watson, J O, 1993. An overview of the boundary element methods in *Comprehensive Rock Engineering*, (Ed: E T Brown) 1:469-490 (Pergamon Press).

PROFESSIONAL INTERESTS AND CONSULTING Mount Isa Mines: Analysis of stress in rock by the boundary element method.