



## Decision Making and Operations Research Techniques for Construction Management (Paperback)

By C.M. Tam, Thomas K. L. Tong, H. Zhang

City University of Hong Kong Press, Hong Kong, 2007. Paperback. Condition: New. Language: N/A. Brand New Book. Decision Making and Operations Research Techniques for Construction Management challenges the traditional empirical approach to problem solving and provides construction practitioners with a seasoned account to resolving day-to-day complicated issues in construction project management. This book provides scientific tools for practitioners to resolve some practical problems which are administered empirically at present and may lead to inconsistent results and human errors. The modern decision-making tools introduced in this book include Multi-criteria Decision-making Models, Artificial Neural Network, Genetic Algorithms, Construction Simulation, Rough Set Theory and Advanced Statistical Techniques for construction. This book will serve as a useful companion for those managing construction projects that are becoming more and more quantitative in nature, and will provide an invaluable source of reference for both undergraduate and advanced postgraduate students.



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