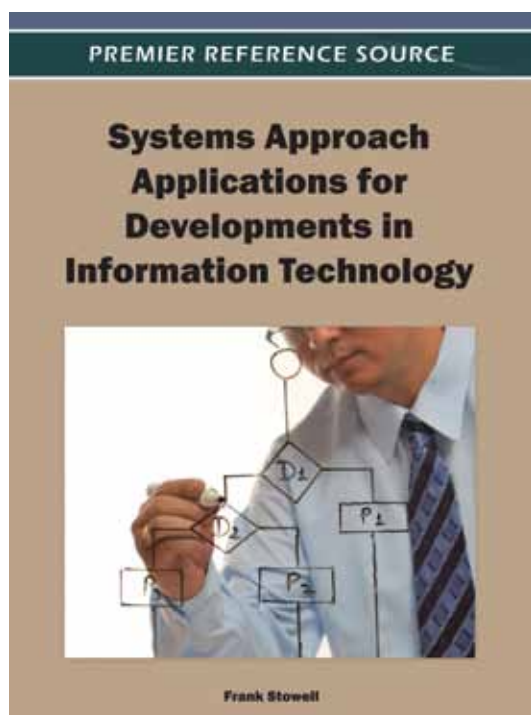


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Systems Approach Applications for Developments in Information Technology



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The intricate fields of information systems and information technology consist of innumerable interrelated facets from hardware to software and creators to end users. All systems inevitably encounter errors or problems, and as new solutions are found and created in today's complex world of technology, it is essential to look at systems as complete entities when searching for solutions and answers.

Systems Approach Applications for Developments in Information Technology addresses the essential need to look at systems as a complete unit through using systems approach in the field of IT. This complete reference is designed for all information technology professionals to better understand their current jobs and future goals through the pivotal idea of systems approach as applied in software engineering, systems engineering, and complex systems.

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Frank Stowell is Professor of Systems and Information Systems at the University of Portsmouth, England. He has a PhD in organisational change and is an acknowledged expert in Systems Thinking and Practice. He has published papers and texts in this field and presented papers at a number of international conferences in Europe and the United States. He has supervised a large number of research projects and continues to supervise and examine PhD research in information systems provision. He is an external examiner for undergraduate and postgraduate programmes within the UK and recently in Hong Kong, Singapore and Malaysia. He was also a specialist reviewer for the Quality Assurance agency for Higher Education within the UK. He is Chair of the Council of Information Systems Professors (CISP). Prior to his academic career he was a systems engineer working in communications and cryptography.