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Software Engineering Foundations A Software Science Perspective

Yingxu Wang



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Digital Information and Communication Technology and Its Applications Hocine Cherifi,Jasni Mohamad Zain,Eyas El-Qawasmeh,2011-06-14 This two volume set CCIS 166 and 167 constitutes the refereed proceedings of the International Conference on Digital Information and Communication Technology and its Applications DICTAP 2011 held in Dijon France in June 2010 The 128 revised full papers presented in both volumes were carefully reviewed and selected from 330 submissions The papers are organized in topical sections on Web applications image processing visual interfaces and user experience network security ad hoc network cloud computing Data Compression Software Engineering Networking and Mobiles Distributed and Parallel processing social networks ontology algorithms multimedia e learning interactive environments and emergent technologies for e learning signal processing information and data management

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Manage Software Testing Peter Farrell-Vinay,2008-03-07 Whether you are inheriting a test team or starting one up Manage Software Testing is a must have resource that covers all aspects of test management It guides you through the business and organizational issues that you are confronted with on a daily basis explaining what you need to focus on

strategically tactically and operationally Using a Transactions on Computational Science V Marina L. Gavrilova, Yingxu Wang, C. J. Kenneth Tan, Keith Chan, 2009-05-25 The LNCS journal Transactions on Computational Science reflects recent developments in the field of Computational Science conceiving the field not as a mere ancillary science but rather as an innovative approach supporting many other scientific disciplines The journal focuses on original high quality research in the realm of computational science in parallel and distributed environments encompassing the facilitating theoretical foundations and the applications of large scale computations and massive data processing It addresses researchers and practitioners in areas ranging from aerospace to biochemistry from electronics to geosciences from mathematics to software architecture presenting verifiable computational methods findings and solutions and enabling industrial users to apply techniques of leading edge large scale high performance computational methods The fifth volume of the Transactions on Computational Science journal edited by Yingxu Wang and Keith C C Chan is devoted to the subject of cognitive knowledge representation This field of study focuses on the internal knowledge representation mechanisms of the brain and how these can be applied to computer science and engineering The issue includes the latest research results in internal knowledge representation at the logical functional physiological and biological levels and describes their impacts on computing artificial intelligence and computational intelligence

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