Technology Integration Advancements in Distributed Systems and Computing

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The functionality of distributed computing systems has advanced greatly in recent months, and staying abreast of the latest research within the field is difficult.

Technology Integration Advancements in Distributed Systems and Computing offers a vital compendium of research and developments within the field of distributed computing, giving case studies, frameworks, architectures, and best practices for academics and practitioners alike. With authors from around the world and the latest research from experts within the field, this resource acts as both a reference guide and research handbook.

Topics Covered:
- Parallel computing
- Distributed algorithms
- Complexity measures
- Client server
- Peer to peer
- Distributed programming
- Architectures
- Distributed system properties
- Computational problems
- Turing machines

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Market: This premier publication is essential for all academic and research library reference collections. It is a crucial tool for academicians, researchers, and practitioners and is ideal for classroom use.

Nik Bessis is currently a Head of Distributed and Intelligent Systems (DISYS) research group, a full Professor and a Chair of Computer Science in the School of Computing and Mathematics at University of Derby (full-time), UK. He is also a part-time academic member in the Department of Computer Science and Technology at University of Bedfordshire (UK). He obtained a BA (199) from the TEI of Athens, Greece, and completed his MA (1995) and PhD (2002) at De Montfort University (Leicester, UK). His research interest is the analysis, research, and delivery of user-led developments with regard to data integration, annotation, and data push methods and services in distributed dynamic environments. These have a particular focus on the study and use of next generation, web-centric, grid and cloud technologies methods for the benefit of various virtual organizational settings including disaster management. He is involved in (more than £2.5m) and leading a number of funded research and commercial projects (more than £0.7m) in these areas. Prof. Bessis has published over 150 papers, won 2 best paper awards and is the editor of several books and the Editor-in-Chief of the International Journal of Distributed Systems and Technologies (IJDST). In addition, Prof. Bessis is a regular reviewer and has served several times as a keynote speaker, conferences/workshops/track chair, associate editor, session chair and scientific program committee member.
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