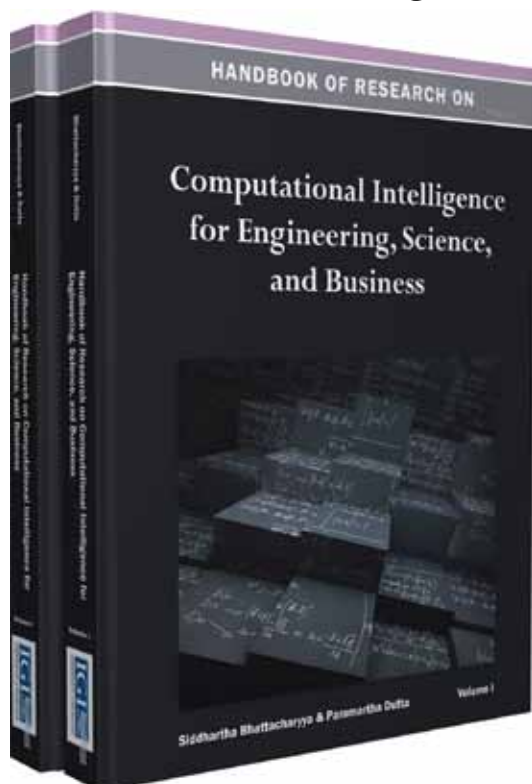


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Handbook of Research on Computational Intelligence for Engineering, Science, and Business



Siddhartha Bhattacharyya (RCC Institute of Information Technology, India) and Paramartha Dutta (Visva-Bharati University, India)

Using the same strategy for the needs of image processing and pattern recognition, scientists and researchers have turned to computational intelligence for better research throughputs and end results applied towards engineering, science, business and financial applications.

Handbook of Research on Computational Intelligence for Engineering, Science, and Business discusses the computation intelligence approaches, initiatives and applications in the engineering, science and business fields. This reference aims to highlight computational intelligence as no longer limited to computing-related disciplines and can be applied to any effort which handles complex and meaningful information.

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- Computational Intelligence
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- Innovative Computing Systems
- Neural Networks
- Systems Engineering
- Theoretical and Applied Sciences

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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.

Dr. Siddhartha Bhattacharyya earned his Bachelors in Physics, Bachelors in Optics and Optoelectronics, and Masters in Optics and Optoelectronics from University of Calcutta, India in 1995, 1998, and 2000. He completed his PhD in Computer Science and Engineering from Jadavpur University, India in 2008. He is currently an Associate Professor in Information Technology of RCC Institute of Information Technology, Kolkata, India. Prior to this, he was an Assistant Professor in Computer Science and Information Technology of University Institute of Technology, The University of Burdwan, India from 2005-2011. He was a Lecturer in Information Technology of Kalyani Government Engineering College, India during 2001-2005. He is a co-author of a book and more than about 75 research publications. He was the member of the Young Researchers' Committee of the WSC 2008 Online World Conference on Soft Computing in Industrial Applications. He was the convener of the AICTE-IEEE National Conference on Computing and Communication Systems (CoCoSys-09) in 2009. He has been the member of the organizing and technical program committees of several national and international conferences. He is the Assistant Editor of *International Journal of Pattern Recognition Research* since 2010. He is the member of the editorial board of *International Journal of Engineering, Science and Technology* and the member of the editorial advisory board of *HETC Journal of Computer Engineering and Applications*. His research interests include soft computing, pattern recognition and quantum computing. Dr. Bhattacharyya is a member of IEEE, IRSS and IAENG. He is a life member of OSI and ISTE, India.

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