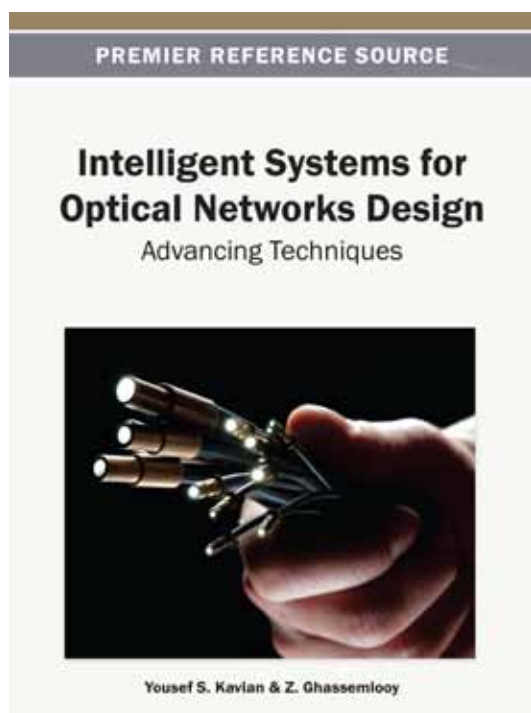


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Intelligent Systems for Optical Networks Design: Advancing Techniques



Yousef S. Kavian (Shahid Chamran University, Iran) and
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As the increased demand for high-speed communication creates an interest in the development of optical networks, intelligent all optical networks have emerged as the next generation for reliable and fast connections.

Intelligent Systems for Optical Networks Design: Advancing Techniques is a comprehensive collection of research focused on theoretical and practical aspects of intelligent methodologies as applied to real world problems. This reference source is useful for research and development engineers, scholars, and students interested in the latest development in the area of intelligent systems for optical networks design.

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- Intelligent Systems
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- Neural Networks
- Optical Network Management
- Optical Networks Design
- Wireless Optical Networks

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Yousef S. Kavian received the B.Sc. (Hons) degree in Electronic Engineering from the Shahid Beheshti University, Tehran, Iran, in 2001, the M.Sc. degree in Control Engineering from the Amkabr University, Tehran, Iran, in 2003 and the Ph.D. degree in Electronic Engineering from the Iran University of Science and Technology, Tehran, Iran, in 2007. After one year appointment at Shahid Beheshti University, in 2008 he joined the Shahid Chamran University as an Assistant Professor. He worked as a postdoctoral research fellow at Esslingen University and IAER, Germany, in 2010. His research interests include digital circuits and systems design, optical and wireless networking. Dr Kavian has over 50 technical publications including journal and conference papers and book chapters in these fields. He is a senior industrial engineer and trainer with more than 10 years industrial experiences.

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