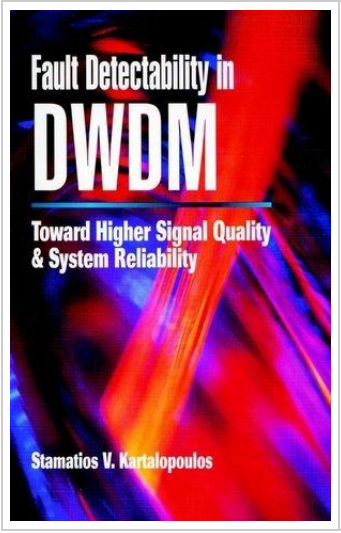

Fault Detectability in DWDM: Towards Higher Signal Qualty and System Relability (Hardback)

By Stamatios V. Kartalopoulos

John Wiley and Sons Ltd, United States, 2001. Hardback. Book Condition: New. New.. 236 x 157 mm. Language: English . Brand New Book. Enhance your understanding of the failure mechanisms of optical components, and draft fault detection guidelines to design a robust Dense Wavelength Digital Multiplexing (DWDM) system and network that exhibits and maintains optical signal quality and system reliability. This valuable reference builds on Dr. Kartalopoulos seminal book on the subject, Introduction to DWDM Technology: Data in a Rainbow, providing an analytical approach to degradations and photonic faults that affect the quality of the multiwavelength transmission of optical signals. Organized in six chapters, FAULT DETECTABILITY IN DWDM includes detailed descriptions of the properties of light and optical communications, optical components, interaction of wavelengths and faults affecting the quality of the optical signal and the system, correlation of faults, aspects of fault management, and current issues in DWDM. This comprehensive book directs practicing electrical engineers, optical systems designers, optical network architects, fault management engineers, technical managers, optical systems technical marketing and optical communications students on how to use DWDM technology efficiently, effectively and reliably. About the Author Dr. Stamatios Kartalopoulos research interests and expertise include DWDM, IP, SONET/SDH, ATM over...

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