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Path Routing in Mesh Optical Networks

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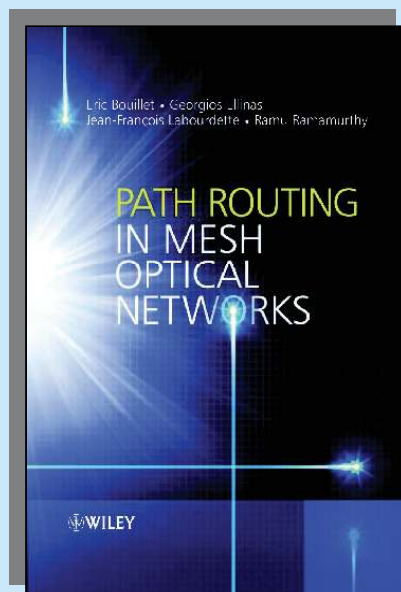
The traditional SONET/SDH (Synchronous Optical Networking/ Synchronous Digital Hierarchy) ring architectures cannot always meet the increasing demand in functionality and bandwidth. In the past few years, intelligence in optical transport switches has allowed service providers to support the same fast distributed restoration in mesh networks previously available in ring networks while achieving the better capacity efficiency and lower cost of mesh networks.

Key features include:

- Details the new routing/switching technologies that will revolutionize the new service-oriented networks.
- Combines the theoretical with the practical aspects of routing and dimensioning for mesh optical networks.
- Authors are highly qualified professionals with extensive experience in this area.
- Supported by website with papers, tutorials, examples, and case studies, including potential projects on optical networking for self-study.
- Featuring a foreword by Professor Wayne D. Grover, TRILabs, University of Alberta.

This book is an invaluable tool for both network researchers and engineers in the industry who are responsible for designing, developing and maintaining optical networks. It will also be a useful reference book/advanced text for graduate students and lecturers in the area of communications networking.

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