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Autore	Cvijetic Milorad
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Table of Contents; Preface; Acknowledgements; 1 Introduction to Optical Bandwidth and Lightwave Paths; 2 Optical Components as Constituents of Lightwave Paths; 3 Optical Signal, Noise, and Impairments Parameters; 4 Assessment of the Optical Transmission Limitations and Penalties; 5 Optical Transmission Systems Engineering; 6 Optical Transmission Enabling Technologies and Trade-offs; 7 Optical Transmission Systems Engineering Toolbox; List of Acronyms; About the Author; Index; Optoelectronics Library
Sommario/riassunto	Annotation This is a practitioner's look at this essential aspect of telecommunications. The book offers professionals hands-on guidance in engineering optical networks for optimal performance. Real-world applications illustrate the principles of transmission engineering.