



Essentials of Modern Optical Fiber Communication

Reinhold Noé

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Essentials of Modern Optical Fiber Communication Reinhold Noé

This book covers important aspects of modern optical communication. It is intended to serve both students and professionals. Consequently, a solid coverage of the necessary fundamentals is combined with an in-depth discussion of recent relevant research results. The book has grown from lecture notes over the years, starting 1992. It accompanies my present lectures Optical Communication A (Fundamentals), B (Mode Coupling), C (Modulation Formats) and D (Selected Topics) at the University of Paderborn, Germany. I gratefully acknowledge contributions to this book from Dr. Timo Pfau, Dr. David Sandel, Dr. Sebastian Hoffmann and Mohamed El-Darawy. Contents Contents 1

Introduction.....	1
2 Optical Waves in Fibers and Components.....	3
2. 1 Electromagnetic Fundamentals	3
2. 1. 1 Maxwell's Equations	3
2. 1. 2 Boundary Conditions	6
2. 1. 3 Wave Equation.....	8
2. 1. 4	9
2. 1. 5 Power and Energy	13
2. 2 Dielectric Waveguides	18
2. 2. 1	18
2. 2. 2 Dielectric Slab Waveguide	18
2. 2. 3 Cylindrical Dielectric Waveguide.....	26
2. 3 Polarization	40
2. 3. 1 Representing States-of-Polarization.....	40
2. 3. 2 Anisotropy, Index Ellipsoid	45
2. 3. 3 Jones Matrices, Müller Matrices	52
2. 3. 4 Monochromatic Polarization Transmission	64
2. 3. 5 Polarization Mode Dispersion.....	71
2. 4 Linear Electrooptic Effect.....	80
2. 4. 1 Phase Modulation	80
2. 4. 2 Soleil-Babinet Compensator	84
2. 5 Mode Coupling	88
2. 5. 1 Mode Orthogonality.....	88
2. 5. 2 Mode Coupling Theory.....	88

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