

1. Record Nr.	UNINA9910823164603321
Autore	Hord Shirley M.
Titolo	Leading professional learning communities : voices from research and practice // Shirley M. Hord, William A. Sommers ; foreword by Andy Hargreaves
Pubbl/distr/stampa	Thousand Oaks, CA : , : Corwin Press, a SAGE Company, , [2008] ©2008
ISBN	1-4522-9425-9 1-4522-0788-7
Descrizione fisica	1 online resource (185 p.)
Disciplina	371.207
Soggetti	School improvement programs - United States Group work in education - United States Educational change - United States Educational leadership - United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (pages 153-157) and index.
Nota di contenuto	Cover; Contents; Foreword; Preface; Acknowledgments; About the Authors; Imagine . . .; Chapter 1 - What Is a PLC?: Professional Learning Communities: Definition and Effects; Chapter 2 - Why Leadership?: Leadership Imperatives for Professional Learning Communities; Chapter 3 - Culture and Context, Structures and Schedules, Policies and Procedures; Chapter 4 - Creating Conditions to Get Started; Chapter 5 - What Are the Skills Needed to Lead Professional Learning Communities?; Chapter 6 - Where Are We? Where Should We Be? Who Is Monitoring Our Work?; Chapter 7 - What Have We Learned? ReferencesIndex
Sommario/riassunto	Imagine all professionals in all schools engaged in continuous professional learning! Education experts Shirley M. Hord and William A. Sommers explore the school-based learning opportunities offered to school professionals and the principal's critical role in the creation, development, and support of an effective professional learning community (PLC). This book provides school leaders with readily accessible information to guide them in initiating and developing a PLC

that supports teachers and students. Using field-tested examples, the text illustrates how this research-based school improve.

2. Record Nr.	UNISA996247859003316
Autore	Tyler Royall
Titolo	The miracles of the Kasuga deity // Royall Tyler
Pubbl/distr/stampa	New York, : Columbia University Press, c1990
ISBN	0-231-06958-8
Descrizione fisica	1 online resource (xv, 314 p.) : ill. ;
Collana	Records of civilization, sources and studies ; ; no. 98
Altri autori (Persone)	TakashinaTakakane <active 1309-1330>
Disciplina	895.6/32209
Soggetti	Shinto legends - History and criticism Buddhist legends - Japan - History and criticism Japanese literature - 1185-1600 - History and criticism Shinto legends - History and criticism - 1185-1600 - Japan Buddhist legends - History and criticism Japanese literature - History and criticism Languages & Literatures East Asian Languages & Literatures
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes translation of the Kasuga Gongen genki.
Nota di bibliografia	Includes bibliographical references and index.

3. Record Nr.	UNINA9911018929103321
Autore	Rumelhard Christian
Titolo	Microwave photonic links : components and circuits // Christian Rumelhard, Catherine Algani, Anne-Laure Billabert
Pubbl/distr/stampa	London, : ISTE Hoboken, N.J., : J. Wiley, 2011
ISBN	9781118586372 1118586379 9781118586358 1118586352 9781299277380 1299277381 9781118586310 111858631X
Edizione	[1st edition]
Descrizione fisica	1 online resource (420 p.)
Collana	ISTE
Altri autori (Persone)	AlganiCatherine BillabertAnne-Laure
Disciplina	621.381/3
Soggetti	Optical communications - Equipment and supplies Microwave communication systems - Equipment and supplies Telecommunication - Switching systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Adapted and updated from Composants et circuits pour liaisons photoniques en micro-ondes published 2010 in France by Hermes Science/Lavoisier.
Nota di bibliografia	Includes bibliographical references (p. [367]-391) and index.
Nota di contenuto	Cover; Microwave Photonic Links; Title Page; Copyright Page; Table of Contents; Preface; Abbreviation Glossary; Chapter 1 General Points; 1.1. Microwave photonic links; 1.2. Link description; 1.3. Signal to transmit; 1.3.1. Microwave signal; 1.3.2. Microwave carrier for a digital signal; 1.3.3. UWB signal; 1.3.4. Optical carrier; 1.3.5. Summary; 1.4. Limitations of microwave photonic links; 1.4.1. Limitations due to the materials constituting the different elements; 1.4.2. Noise sources in microwave photonic links; 1.4.3. Nonlinearities 1.5. The components and characteristics of microwave photonic

linksChapter 2 Generation and Modulation of Light; 2.1. Laser; 2.1.1. General points; 2.1.2. Semiconductor laser structure and optical gain in the active zone; 2.1.3. Operation of a Fabry-Perot laser; 2.1.4. Optical confinement factor and rate equations; 2.1.5. Static mode of laser operation (or CW mode of operation); 2.1.6. Dynamic mode of laser operation: RF small signal response; 2.1.7. RIN laser noise; 2.1.8. Increase in $1/f$ of RIN and superposition of a small signal and noise; 2.1.9. Different laser configurations 2.1.10. CAD laser models 2.1.11. Laser measurements and temperature stabilization; 2.2. Electro-optic modulator: EOM; 2.2.1. General physical principles; 2.2.2. Pockels or linear electro-optical effect; 2.2.3. Mach-Zehnder electro-optic modulator; 2.2.4. Single-Drive MZM: one driving electrode; 2.2.5. Dual-drive MZM: two driving electrodes; 2.2.6. Real Mach-Zehnder modulator: characteristics and performances; 2.2.7. Mach-Zehnder modulator technology; 2.3. Electro-absorption modulator: EAM; 2.3.1. Electro-absorption effect; 2.3.2. FKE; 2.3.3. Stark effect; 2.3.4. Quantum well structures 2.3.5. MEA operation 2.3.6. Characteristics of an EAM; 2.3.7. EML: EAM integrated to a DFB laser; 2.3.8. EAM electrical modeling for ultra-fast signal simulation; Chapter 3 Optical Fibers and Amplifiers; 3.1. Optical fibers; 3.1.1. General; 3.1.2. Material attenuation; 3.1.3. Material refraction index and dispersion; 3.1.4. Total reflection, numerical aperture, transmitted maximum frequency; 3.1.5. Step-index fiber; 3.1.6. Graded index fiber; 3.1.7. Single-mode fiber; 3.1.8. Plastic optical fibers; 3.2. Optical amplifiers; 3.2.1. Semiconductor optical amplifiers: SOA; 3.2.2. EDFAs 3.3. Appendix: modal analysis of propagation in a fiber 3.3.1. Maxwell equations; 3.3.2. Maxwell equations in a cylindrical fiber; 3.3.3. Continuity and characteristic equation conditions; 3.3.4. Research of different propagation modes; 3.3.5. Approximation of linearly polarized modes; Chapter 4 Photodetectors; 4.1. Photodetector definition; 4.2. Photodiodes; 4.2.1. Presentation; 4.2.2. Light absorption in a semiconductor; 4.2.3. p-i-n photodiode; 4.2.4. Metal-semiconductor-metal or MSM photodiode; 4.2.5. Equivalent circuits for p-i-n and MSM photodiodes; 4.2.6. Nonlinearities 4.2.7. UTC photodiodes

Sommario/riassunto

This book presents the electrical models for the different elements of a photonic microwave link like lasers, external modulators, optical fibers, photodiodes and phototransistors. The future trends of these components are also introduced: lasers to VCSEL, external modulators to electro-absorption modulators, glass optical fibers to plastic optical fibers, photodiodes to UTC photodiodes or phototransistors. It also describes an original methodology to evaluate the performance of a microwave photonic link, based on the developed electrical models, that can be easily incorporated in
