1. Record Nr. UNINA9910453501503321

Autore	Hymer Barry
Titolo	Gifted & talented learners : creating a policy for inclusion / / Barry Hymer with Deborah Michel
Pubbl/distr/stampa	London ; ; New York : , : Routledge, , 2012
ISBN	1-138-17591-9 1-315-07009-X 1-134-15458-5
Descrizione fisica	1 online resource (128 p.)
Altri autori (Persone)	MichelDeborah
Disciplina	371.950941
Soggetti	Gifted children - Education - Great Britain Inclusive education - Great Britain Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"First published in Great Britain in 2002 by David Fulton Publishers"--T. p. verso.
Nota di contenuto	Cover; Title; Copyright; Contents; Acknowledgements; Foreword; NACE Mission Statement; 1 Overview; 2 Who is gifted? Issues around models and definitions of giftedness; 3 Who says she's gifted? Issues around identification strategies; 4 On becoming wise: The 'trans-intellective' domain; 5 Teaching for giftedness and talent: Examples of inclusive provision; 6 Getting it together: Policy formulation and delivery; 7 Support and further reading; References; Index
Sommario/riassunto	This book sets out the educational challenges, benefits and possibilities of embracing a truly inclusive approach to gifted and talented education and provides a framework for a school to create its own inclusive policy in this area of need. Calling on international research, current educational initiatives, and work within the Barrow Education Action Zone (EAZ) and elsewhere, the authors set out to demonstrate that the inclusion and standards agendas can - and should - take with them the growing interest in the educational needs of gifted and talented pupils. The result is a

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Autore	Kaminow Ivan P
Titolo	Optical fiber telecommunications VIA [[electronic resource]] : components and subsystems / / Ivan P. Kaminow, Tingye Li, Alan E. Willner
Pubbl/distr/stampa	Oxford, : Elsevier, 2013
ISBN	0-12-397235-3
Edizione	[6th ed.]
Descrizione fisica	1 online resource (795 p.)
Collana	Optics and Photonics
Altri autori (Persone)	LiTingye WillnerAlan E
Disciplina	621.38275
Soggetti	Optical fiber communication Optical communications Fiber optics Electronic books.
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 and index.
Nota di contenuto	1.2.3.4 Phase/frequency noise performance 1.2.3.5 Tunability; 1.2.3.6 Power scaling-master-oscillator power amplifiers (MOPAs); 1.2.4 Multi-wavelength fiber DFB lasers and fiber DFB laser arrays; 1.2.5 Optical transmission system experiments; 1.2.6 Fiber DFB laser in non-telecom applications; 1.3 Summary and concluding remarks-outlook; References; 2 Semiconductor Photonic Integrated Circuit Transmitters and Receivers; 2.1 Introduction; 2.2 Technology; 2.2.1 Group III-V PICs; 2.2.2 Group IV PICs; 2.2.3 Hybrid integration of Groups III-V and IV; 2.2.4 Comparison of PIC technologies 2.3 Devices based on on-off keying (OOK) 2.3.1 Group III-V PICs for OOK transmission; 2.3.1.1 Group III-V single-channel PICs for OOK transmission; 2.3.1.2 Group III-V multichannel PICs for OOK transmission; 2.3.2 Group IV PICs for OOK transmission; 2.3.2.1 Group IV single-channel PICs for OOK transmission; 2.3.2.2 Group IV multi-channel PICs for OOK transmission; 2.3.2.3 Space-division multiplexed devices; 2.4 PICs based on advanced modulation formats; 2.4.1 Introduction; 2.4.1.1 Overview; 2.4.1.2 Devices and performance of advanced modulation formats

2.4.2 Group III-V PICs for advanced modulation format transmission
2.4.2.1 III-V single-channel PICs for advanced modulation format transmission; 2.4.2.2 III-V multi-channel PICs for advanced modulation format transmission; 2.4.3 Group IV PICs for advanced modulation format transmission; 2.4.3.1 Group IV single-channel PICs for advanced modulation format transmission; 2.4.4 Space-division multiplexing PICs; 2.5 Future trends; Acknowledgements; References; 3 Advances in Photodetectors and Optical Receivers; 3.1 Introduction; 3.2 High-speed waveguide photodiodes
3.2.1 Side-illuminated and evanescently-coupled waveguide photodiodes 3.2.2 Distributed and traveling-wave photodetectors; 3.3 High-power photodiodes; 3.3.1 Normal-incidence uni-traveling-carrier photodiodes; 3.3.2 High-power WG photodiodes; 3.3.3 High-linearity photodiodes; 3.3.4 High-power balanced detectors; 3.3.5 Photodetector arrays; 3.4 Long-wavelength photodiodes on silicon; 3.4.1 High-speed Ge photodiodes; 3.4.2 Heterogeneously integrated III-V photodiodes on Si; 3.5 APDs; 3.5.1 SACM APDs; 3.5.2 Low-noise APDs; 3.5.3 Single photon APDs; 3.6 Conclusion; References
4 Fundamentals of Photonic Crystals for Telecom Applications-Photonic Crystal Lasers

Sommario/riassunto

Optical Fiber Telecommunications VI (A&B) is the sixth in a series that has chronicled the progress in the R&D of lightwave communications since the early 1970's. Written by active authorities from academia and industry, this edition brings a fresh look to many essential topics, including devices, subsystems, systems and networks. A central theme is the enabling of high-bandwidth communications in a cost-effective manner for the development of customer applications. These volumes are an ideal reference for R&D engineers and managers, optical systems implementers, university researchers and...