1. Record Nr. UNINA9910820826603321

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| Autore | Farrell Thomas S. C (Thomas Sylvester Charles) |
| Titolo | Reflective teaching, revised / / Thomas S.C. Farrell |
| Pubbl/distr/stampa | Alexandria, Virginia : , : TESOL International Association, , [2020]<br>©2020 |
| ISBN | 1-945351-89-6 |
| Descrizione fisica | 1 online resource (48 pages) |
| Collana | English language teacher development series |
| Disciplina | 371.102 |
| Soggetti | Reflective teaching |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Nota di contenuto | Intro -- Title Page -- Copyright -- Contents -- Series Editor's Preface -- Introduction -- Chapter 1: Reflective Practice: What and Why -- Chapter 2: Reflective Practice Is Holistic -- Chapter 3: Reflective Practice Is Evidence Based -- Chapter 4: Reflective Practice Involves Dialogue -- Chapter 5: Reflective Practice Bridges Principles and Practices -- Chapter 6: Reflective Practice Requires a Disposition to Inquiry -- Chapter 7: Reflective Practice Is a Way of Life -- Chapter 8: Developing a School Culture of Reflection -- Chapter 9: Research on Reflective Practice in TESOL -- Conclusion -- References. |
| Sommario/riassunto | "This reflective question and many others await your discussion and analysis in this revised edition of TESOL Press's best selling Reflective Teaching, which explores different approaches to how teachers can reflect on their practice in second language classrooms. Farrell uses his six principles of reflective practice: Reflective Practice is Holistic; Reflective Practice is Evidence Based; Reflective Practice Involves Dialogue; Reflective Practice Bridges Principles and Practices; Reflective Practice Requires a Disposition to Inquiry; and Reflective Practice is a Way of Life to provide a comprehensive overview." --Cover page 4. |

2. Record Nr. UNINA9911004758203321

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| Autore | Chan Calvin C. K |
| Titolo | Optical performance monitoring : advanced techniques for next-generation photonic networks / / Calvin C.K. Chan |
| Pubbl/distr/stampa | Amsterdam ; ; Boston, : Academic Press, c2010 |
| ISBN | 1-282-54131-5<br>9786612541315<br>0-08-095917-2 |
| Descrizione fisica | 1 online resource (510 p.) |
| Disciplina | 621.382/75<br>621.38275 |
| Soggetti | Optical fiber communication<br>Network performance (Telecommunication) |
| 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 | Front Cover; Optical Performance Monitoring; Copyright Page; Dedication; Contents; List of Acronyms; List of Figures; List of Tables; Preface; Acknowledgments; List of Contributors; About the Editor; Chapter 1: Optical performance monitoring: Perspectives and challenges; 1.1. Introduction; 1.1.1 Overarching vision; 1.1.2 Challenges; 1.2. Physical-Layer Measurements and Routing Decisions in Today's Optical Networks; 1.3. Signal Parameters Requiring Monitoring and OPM Techniques; 1.3.1 Optical impairments; 1.3.2 OPM techniques 1.4. Laudable OPM-enabled Functionalities in Next-generation Optical Networks1.4.1 Robust and stable operation; 1.4.2 Accommodate transparency; 1.4.3 Impairment-aware routing; 1.4.4 Secure links; 1.4.5 Optical supervisory channel; 1.5. Smart Network Operation and Security; 1.5.1 Smart network operation; 1.5.2 Security; 1.6. Summary; Acknowledgments; References; Chapter 2: Optical signal-to-noise ratio monitoring; 2.1. Introduction; 2.2. Linear Interpolation Techniques; 2.2.1 Optical spectrum analysis; 2.2.2 Out-of-band noise measurement; 2.2.3 Potential problems<br>2.3. Polarization-based Techniques2.3.1 Operating principles; 2.3.2 Potential problems and limitations; 2.3.3 Methods to overcome |

limitations; 2.4. Interferometer-based Technique; 2.4.1 Operating principle; 2.4.2 Potential problems and limitations; 2.4.3 Method to overcome limitations; 2.5. Beat Noise Analysis Techniques; 2.5.1 Operating principle; 2.5.2 Potential problems and limitations; 2.5.3 Methods to overcome limitations; 2.6. OSNR Estimation Technique based on the Operating Condition of Optical Amplifiers; 2.6.1 Operating principle; 2.6.2 Link-based OSNR monitoring technique 2.6.3 Potential problems and limitations2.7. Summary; References; Chapter 3: Chromatic dispersion monitoring; 3.1. Introduction; 3.2. Chromatic Dispersion and Its Effects on Optical Fiber Systems; 3.2.1 Fiber chromatic dispersion; 3.2.2 Systems limitations due to chromatic dispersion; 3.2.3 Dispersion effects in the presence of fiber nonlinearities; 3.2.4 The need for chromatic dispersion monitoring; 3.3. Chromatic Dispersion Monitoring Techniques; 3.3.1 Measurement of RF spectrum; 3.3.2 Measurement of relative group delay between VSB signals; 3.3.3 Histogram monitoring techniques
3.3.4 All-optical spectral analysis using nonlinear optics3.3.5 Electronic monitoring techniques; 3.3.6 Other chromatic dispersion monitoring techniques; 3.3.7 Differentiate chromatic dispersion from polarization mode dispersion; 3.4. Summary; Acknowledgments; References; Chapter 4: Polarization mode dispersion monitoring; 4.1. Introduction; 4.2. PMD Monitoring Based on Measurement of RF Tone; 4.3. PMD Monitoring Based on Measurement of Degree of Polarization; 4.4. Electronic PMD Monitoring Techniques; 4.5. Other PMD Monitoring Techniques; 4.6. Summary; Acknowledgments; References
Chapter 5: Timing misalignment monitoring

Sommario/riassunto

This in-depth, detailed reference presents for the first time a comprehensive treatment of recent advances in optical performance monitoring. Written by leading experts in the field, the book provides an overview of recent developments in the area and the role of OPM in future optical systems and networks. Detailed discussions of various advanced techniques are provided to illustrate their principles. FEATURES:  Presents the principles and applications of advanced OPM techniques, together with a comparative evaluation of their effectiveness in monitoring individual paramet