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Collana	New Directions for Adult and Continuing Education ; ; Number 103
Altri autori (Persone)	PappasJames P JermanJerry
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Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Developing and Delivering Adult Degree Programs; CONTENTS; EDITORS' NOTES; References; 1 Adult Degrees and the Learning Society; Sources of Transformation; The Nontraditional Revolution; External or Extended Degrees?; The 1980's: Adults Replace the Postwar Baby Boomers; Adult Degree Completion Programs; External Doctoral Degrees; The 1990's: Globalization and Technology; Human Capital Development; For-Profit Degree-Granting Institutions; Learning at a Distance and Advanced Technology; Conclusion; References; 2 Adult Learning Theory and the Pursuit of Adult Degrees The Territory of Adult Learning Theory Learner Lens; Process Lens; Context Lens; Educator Lens; Conclusion; References; 3 Faculty Issues Related to Adult Degree Programs; Faculty Preparation and Practices; Faculty Roles Within the Academy; Conclusion; References; 4 Enhancing Adult Learning Through Interdisciplinary Studies; Interdisciplinary Studies and Adult Learners; Changing Landscapes of General and Liberal Education; The Changing Place of Adult Learners in the Academy; A Thematic Course in Interdisciplinary Studies for Adult

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International; Be Relevant; Be Fiscally Proactive; Be Prepared for  
Accreditation; Be Technological; Be Committed to Faculty Development;  
Conclusion; References; INDEX; Order Form; Other Titles; Advert

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Sommario/riassunto

This issue explores the growing field of adult degree programs and considers the theoretical underpinnings of such programs and hands-on issues as curriculum, faculty, marketing, technology, financing, and accreditation, all with a goal of informing and equipping both scholars and practitioners. More and more adults who have been out of school for many years have turned to colleges and universities to complete undergraduate and graduate degrees that will make them competitive in the workforce, fulfill a professional requirement, or enrich them intellectually. Higher education institutions

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2. Record Nr.	UNINA9910881095003321
Autore	Zhao Shiyuan
Titolo	Noise, Dynamics and Squeezed Light in Quantum Dot and Interband Cascade Lasers // by Shiyuan Zhao
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024
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Descrizione fisica	1 online resource (245 pages)
Collana	Springer Theses, Recognizing Outstanding Ph.D. Research, , 2190-5061
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Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Nota di contenuto	1 Introduction -- 2 Semiconductor lasers: Fundamentals and Theory -- 3 Classical Noise and Feedback Dynamics in Quantum-Confined Lasers -- 4 Quantum Fluctuations and Amplitude Squeezing in Quantum-Confined Lasers -- 5 Conclusion & Perspectives.
Sommario/riassunto	This book provides a comprehensive analysis of quantum-confined semiconductor lasers, focusing on quantum dot lasers (QDLs) and interband quantum cascade lasers (ICLs). Through theoretical and numerical exploration, the author scrutinizes the amplitude and frequency noise spectra, studies the dynamics induced by delayed optical reinjection, and investigates the generation of squeezed states for both laser types. Notably, his predictions align with experimental results, demonstrating the robustness of this approach. Structured meticulously, the book begins with an overview of QDL and ICL technology, followed by in-depth chapters on classical noise and dynamics, and quantum aspects, particularly the generation of

squeezed states. Clearly written, the text strikes a balance between words and equations, maintaining accessibility without sacrificing depth. It includes an extensive bibliography, a testament to the thoroughness of the research and a useful feature for all newcomers to the field.

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