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| 1. Record Nr. | UNINA9910346927703321 |
| Autore | Dyroff Christoph |
| Titolo | Tunable Diode-Laser Absorption Spectroscopy for Trace-Gas Measurements with High Sensitivity and Low Drift |
| Pubbl/distr/stampa | KIT Scientific Publishing, 2009 |
| ISBN | 1000010030 |
| Descrizione fisica | 1 online resource (142 p. p.) |
| Collana | Karlsruhe Series in Photonics & Communications / Universität Karlsruhe (TH), Institute of High-Frequency and Quantum Electronics (IHQ) |
| Soggetti | Technology: general issues |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Sommario/riassunto | This book discusses the mechanical and opto-electronic design of laser spectrometers for measuring two very important atmospheric gases, namely water vapor and its isotopic ratios, and formaldehyde. For measuring water vapor, shot-noise limited sensitivity has been achieved by a careful choice of system components and data processing. For measuring formaldehyde, a selective sample modulation exploiting the Stark effect has been used to greatly improve the sensitivity. |

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| 2. Record Nr. | UNINA9910853992503321 |
| Autore | Stephen Jacqueline S |
| Titolo | Academic Success in Online Programs : A Resource for College Students // by Jacqueline S. Stephen |
| Pubbl/distr/stampa | Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024 |
| ISBN | 9783031544392 3031544390 |
| Edizione | [1st ed. 2024.] |
| Descrizione fisica | 1 online resource (262 pages) |
| Collana | Springer Texts in Education, , 2366-7680 |
| Disciplina | 378 |
| Soggetti | Education, Higher Educational technology Learning, Psychology of Study skills Maturation (Psychology) Professional education Vocational education Higher Education Digital Education and Educational Technology Learning Theory Study and Learning Skills Personal Development Professional and Vocational Education |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Nota di contenuto | Chapter 1: Choosing a Program of Study and Modality -- Chapter 2: Understanding the Online Learning Environment -- Chapter 3: Academic Persistence in an Online Course or Program.-Chapter 4: Identifying Support Systems and Resources -- Chapter 5: Student Competencies for Online Learning -- Chapter 6: Academic and Social Integration -- Chapter 7: Study Skills and Strategies -- Chapter 8: Skills and Strategies for Research and Reading -- Chapter 9: Skills and Strategies for Effective Writing -- Chapter 10: Skills and Strategies for Critical Thinking and Quantitative Reasoning -- Chapter 11: Skills and |

Sommario/riassunto

This book provides higher education students with a comprehensive resource to assist them in their academic persistence in an online course or program. It addresses a wide selection of topics emphasizing a myriad of factors that impact a student's persistence, and ultimate success, in an online program or course. The book helps students to gain insight into the skills, knowledge, and attributes needed to succeed in the autonomous nature of an online learning environment. Thus, this book helps students to proactively engage in activities to prepare for online learning. Information presented in each chapter is drawn from theory and recent research centered on persistence of online students in higher education. It incorporates hands-on practical activities to promote application of theory and research, and encourages students to demonstrate their knowledge, skills, and abilities through the use of reflective and thought-provoking activities. Hence, this book provides online students with an up-to-date resource they can use to develop an awareness of their readiness and preparedness for online learning. Additionally, this book equips students with information and strategies aimed at helping them to address gaps in their skills and knowledge that may present them with barriers to academic success. The content of this book is aligned with widely used student learning outcomes and objectives of first-year student seminar courses and orientation programs for graduate and undergraduate students enrolled in online programs. Furthermore, it is deliberately organized and structured to support an online student's academic journey as they navigate the online learning environment. As such, these features make it an ideal book for use by students, instructors, and academic advisors or college and university academic support staff.
