1. | | |
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    | Record Nr. | UNINA9910135983303321 |
    | Autore | Lin Psang Dain |
    | Titolo | Advanced Geometrical Optics / / by Psang Dain Lin |
    | Pubbl/distr/stampa | Singapore : , : Springer Singapore : , : Imprint : Springer, , 2017 |
    | ISBN | 981-10-2299-2 |
    | Edizione | [1st ed. 2017.] |
    | Descrizione fisica | 1 online resource (XXIV, 460 p. 222 illus., 193 illus. in color.) |
    | Collana | Progress in Optical Science and Photonics, , 2363-5096 ; ; 4 |
    | Disciplina | 535.32 |
    | Soggetti | Optics
 Electrodynamics
 Physics
 Quantum optics
 Lasers
 Photonics
 Classical Electrodynamics
 Numerical and Computational Physics, Simulation
 Quantum Optics
 Optics, Lasers, Photonics, Optical Devices
 Mathematical Methods in Physics |
    | Lingua di pubblicazione | Inglese |
    | Formato | Materiale a stampa |
    | Livello bibliografico | Monografia |
    | Nota di bibliografia | Includes bibliographical references at the end of each chapters. |
    | Nota di contenuto | Mathematical Background -- Skew-Ray Tracing of Geometrical Optics -- Geometrical Optical Model -- Ray tracing Equations for Paraxial Optics -- Cardinal Points and Image Equations -- Ray Aberrations -- Jacobian Matrix of Ray Ri with Respect to Incoming ray Ri-1 and Boundary Variable Vector Xi -- Jacobian Matrix of Boundary Variable Vector Xi¬ with Respect to System Variable Vector Xsys -- Prism Analysis -- Prism Design Based on Image Orientation -- Determination of Prism Reflectors to produce required image orientation -- Optically Stable Systems -- Point Spread Function, Caustic Surfaces and Modulation Transfer Function -- Optical Path Length and Its Jacobian Matrix -- Wavefront Aberration and Wavefront Shape -- Hessian Matrix of Ray Ri with Respect to Incoming ray Ri-1 and Boundary Variable Vector Xi -- Hessian Matrix of Boundary Variable Vector Xi with Respect |

to System Variable Vector Xsys -- Hessian Matrix of Optical Path Length.

Sommario/riassunto	This book computes the first- and second-order derivative matrices of skew ray and optical path length, while also providing an important mathematical tool for automatic optical design. This book consists of three parts. Part One reviews the basic theories of skew-ray tracing, paraxial optics and primary aberrations – essential reading that lays the foundation for the modeling work presented in the rest of this book. Part Two derives the Jacobian matrices of a ray and its optical path length. Although this issue is also addressed in other publications, they generally fail to consider all of the variables of a non-axially symmetrical system. The modeling work thus provides a more robust framework for the analysis and design of non-axially symmetrical systems such as prisms and head-up displays. Lastly, Part Three proposes a computational scheme for deriving the Hessian matrices of a ray and its optical path length, offering an effective means of determining an appropriate search direction when tuning the system variables in the system design process.

2.	Record Nr.	UNINA9910424947403321
	Autore	Morley Dawn A
	Titolo	Applied Pedagogies for Higher Education : Real World Learning and Innovation across the Curriculum / / edited by Dawn A. Morley, Md Golam Jamil
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Palgrave Macmillan, , 2021
	ISBN	9783030469511
		3030469514
	Edizione	[1st ed. 2021.]
	Descrizione fisica	1 online resource (XXIII, 415 p.) : 20 illus
	Classificazione	EDU009000EDU015000EDU031000EDU034000
	Disciplina	370.113
		378.015
	Soggetti	Professional education
		Vocational education
		Education, Higher
		Learning, Psychology of
		Education and state
		Professional and Vocational Education
		Higher Education
		Instructional Psychology
		Educational Policy and Politics

Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1. Introduction. Real world learning - recalibrating the higher education response towards application to lifelong learning and diverse career paths; Dawn A. Morley and Md Golam Jamil -- PART I. Emerging responses in real world learning -- Chapter 2. Internal knowledge transfer: professional development programmes and embedding real world learning for full-time undergraduates; David Perrin, Connie Hancock and Ruth Miller -- Chapter 3. The role of professional networks in supporting and developing real world learning; Joanne Brindley and Stuart Sims -- Chapter 4. Real World Learning through Civic Engagement: Principles, Pedagogies and Practices; Kristine Mason O'Connor and Lindsey McEwen -- Chapter 5. Working and learning through the local community- four case studies from higher education that promote civic engagement; Dawn A. Morley, Tracey Gleeson, Kerstin Mey, Anne Warren-Perkinson, Tracey Bourne, Amy E. King, Linda Cooper and Duncan Reavey -- Real world learning and the internationalisation of higher education: approaches to making learning real for global communities -- Md Golam Jamil, Nazmul Alam, Natascha Radclyffe-Thomas, Mohammad Aminul Islam, A.K.M. Moniruzzaman Mollah, Annajiat Alim Rasel -- PART II. Moving learning into real world practice: extending student opportunities in higher education -- Chapter 7. Designing and supporting extraordinary work experience; Dawn A. Morley, Paul Marchbank, Tony Steyger, Lesley Taylor, Anita Diaz and Pauline Calleja -- Chapter 8. Making Projects Real in a Higher Education Context; Roy Hanney -- Chapter 9. Real world learning: Simulation and Gaming; Jonathan Lean, Jonathan Moizer, Cathrine Derham, Lesley Strachan and Zakirul Bhuiyan -- Chapter 10. Learning enterprise and entrepreneurship through real business projects; Lucy Hatt -- Chapter 11. The journey of Higher Degree Apprenticeships (HDAs); Claire Hughes and Gillian Saieva -- PART III. The journey of Higher Degree Apprenticeships (HDAs) -- Chapter 12. Making inspiration mainstream: Innovative pedagogies for the real world; Carina Buckley and Maria Kukhareva -- Chapter 13. 'Getting to the soul': radical facilitation of real world learning in higher education programmes through reflective practice; Jo Trelfa -- Chapter 14. Real world learning and authentic assessment; Melenie Archer, Dawn A. Morley and Jean-Baptiste R.G. Souppez -- Chapter 15. Using educational technology to support students' real world learning; Edward Bolton and Roger Emery -- Chapter 16. Real Time, Real World Learning – capitalising on mobile technology; Keith D. Parry, Jessica Richards, Cameron McAuliffe -- Chapter 17. Conclusion. Real world learning – researching and co constructing working definitions for curriculum development and pedagogy; Dawn A. Morley.
Sommario/riassunto	This open access book critiques real world learning across both the curriculum and extracurricular activities. Drawing on disciplines as diverse as business, health, fashion, sociology and geography, the editors and authors employ a cross-disciplinary approach to examine how this concept is being applied in higher education. Divided into three parts, the authors and contributors analyse broader applications of real world learning, student experience of practicing in a real world setting, and how learning strategies can be employed to engage students in real world learning. The editors and contributors provide

up-to-date, cross-disciplinary and international insights into how real world learning could be integrated into the higher education curriculum to support effective, relevant and life-long learning for 21st century students. Dawn A. Morley is Postdoctorate Research Fellow at Solent University, UK. She specialises in how students' learning at university can be connected to greater work readiness and is the lead editor on two previously published edited collections related to work-based learning. Md Golam Jamil is a pedagogic researcher at the University of Bristol, UK. His research interests include applied pedagogies, research-informed teaching, technology-enhanced learning and language education.

3.	Record Nr.	UNINA9910145879903321
	Titolo	Alle frontiere della vita [[electronic resource]] : eutanasia ed etica del morire
	Pubbl/distr/stampa	Soveria Mannelli (Catanzaro), : Rubbettino, 2001-
	Descrizione fisica	v
	Collana	Saggi
	Disciplina	179
	Soggetti	Terminal Care
		Patient Rights
		Ethics, Clinical
		Homicide
		Ethics, Professional
		Patient Care
		Human Rights
		Social Problems
		Therapeutics
		Ethics
		Social Control, Formal
		Health Services
		Sociology
		Humanities
		Analytical, Diagnostic and Therapeutic Techniques and Equipment
		Health Care Quality, Access, and Evaluation
		Social Sciences
		Health Care Economics and Organizations
		Health Care Facilities Workforce and Services

Anthropology, Education, Sociology and Social Phenomena
Delivery of Health Care
Right to Die
Ethics, Medical
Euthanasia

Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Proceedings. Also cont. appendix of documents (pp. 133-170).
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	1. : Atti del Convegno di studi, Messina, Aula Magna dell'Ateneo, 20 gennaio 2001 / a cura di Marianna Gensabella Furnari ; contributi di : S. Montanini ... [et al.]. - 2001. - 178 p.