1.	Record Nr.	UNINA9910457380403321
	Autore	Schaan Denise Pahl <1962-, >
	Titolo	Sacred geographies of ancient Amazonia : historical ecology of social complexity / / Denise P. Schaan
	Pubbl/distr/stampa	London : , : Routledge, , 2016
	ISBN	1-315-42052-X 1-315-42053-8 1-59874-505-0
	Descrizione fisica	1 online resource (234 p.)
	Collana	New frontiers in historical ecology ; ; v. 3
	Disciplina	981/.1
	Soggetti	Indians of South America - Amazon River Region - Antiquities Indigenous peoples - Ecology - Amazon River Region Human geography - Amazon River Region Social archaeology - Amazon River Region Indian pottery - Amazon River Region Petrolgyphs - Amazon River Region Rock paintings - Amazon River Region Electronic books. Amazon River Region Antiquities
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	First published 2012 by Left Coast Press, Inc.
	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	Contents; List of Figures and Table; Chapter 1: Introduction: Historical Ecology and Archaeological Landscapes in Amazonia; Chapter 2: Moving Earth, Managing Water; Chapter 3: Land of the Ancestors; Chapter 4: Ponds, Lakes, and Feasts: The Cultural Geography of Anthropogenic Soils; Chapter 5: Marks on the Earth: Territoriality and Memory; Chapter 6: Conclusion; References; Index; About the Author
	Sommario/riassunto	The legendary El Dorado-the city of gold-remains a mere legend, but astonishing new discoveries are revealing a major civilization in ancient Amazonia that was more complex than anyone previously dreamed. Scholars have long insisted that the Amazonian ecosystem placed severe limits on the size and complexity of its ancient cultures, but leading researcher Denise Schaan reverses that view, synthesizing

exciting new evidence of large-scale land and resource management to tell a new history of indigenous Amazonia. Schaan also engages fundamental debates about the development of social complexity

2.	Record Nr.	UNINA9910704399003321
	Autore	Lepsch Roger A.
	Titolo	Subsonic aerodynamic characteristics of a circular body Earth-to-orbit vehicle / / Roger A. Lepsch, Jr. and George M. Ware, Ian 0. MacConochie
	Pubbl/distr/stampa	Hampton, Virginia : , : National Aeronautics and Space Administration, Langley Research Center, , July 1996
	Descrizione fisica	1 online resource (29 pages.) : illustrations
	Collana	NASA technical memorandum ; ; 4726
	Soggetti	Wind tunnel tests
		Space transportation system
		Single stage to orbit vehicles
		Reusable spacecraft
		Lift drag ratio
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Title from title screen (viewed on Feb. 23, 2016).
		"July 1996."
		"Performing organization: NASA Langley Research Center"--Report documentation page.
	Nota di bibliografia	Includes bibliographical references (page 5).

3.	Record Nr.	UNINA9910410052103321
	Titolo	Integrated Computational Materials Engineering (ICME) : Advancing Computational and Experimental Methods / / edited by Somnath Ghosh, Christopher Woodward, Craig Przybyla
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
	ISBN	3-030-40562-1
	Edizione	[1st ed. 2020.]
	Descrizione fisica	1 online resource (XX, 405 p. 210 illus., 181 illus. in color.)
	Disciplina	620.11011
	Soggetti	Materials science
		Ceramics
		Glass
		Composite materials
		Applied mathematics
		Engineering mathematics
		Engineering—Materials
		Sociophysics
		Econophysics
		Characterization and Evaluation of Materials
		Ceramics, Glass, Composites, Natural Materials
		Mathematical and Computational Engineering
		Materials Engineering
		Data-driven Science, Modeling and Theory Building
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Includes index.
	Nota di contenuto	Scale Hierarchical Modeling of Ni-based Superalloys: from sub-grain to polycrystalline scales -- Underpinning and benchmarking multi-scale models with micro-tensile and bending experiments -- Discrete network dynamics: From dislocation to polymer chain simulations -- Survey of ICME methods for Polymer Matrix Composites -- Structure-property measurements: Multi-scale experiments for model calibration and validation for PMC -- Computational micromechanics and multi-

scale modeling of PMCs -- Determining property-based statistically equivalent representative volume elements or P- SERVE for polymer matrix composites using exterior statistics-based boundary conditions -- Quantification of error and uncertainty in materials characterization.

Sommario/riassunto	This book introduces research advances in Integrated Computational Materials Engineering (ICME) that have taken place under the aegis of the Center of Excellence on Integrated Materials Modeling (CEIMM). Its author team consists of leading researchers in ICME from prominent academic institutions and the Air Force Research Laboratory. The book examines state-of-the-art advances in physics-based, multi-scale, computational-experimental methods and models for structural materials like polymer-matrix composites and metallic alloys. The book emphasizes Ni-based superalloys and epoxy matrix carbon-fiber composites and encompasses atomistic scales, meso-scales of coarse-grained models and discrete dislocations, and micro-scales of poly-phase and polycrystalline microstructures. Other critical phenomena investigated include the relationship between microstructural morphology, crystallography, and mechanisms to the material response at different scales; methods of identifying representative volume elements using microstructure and material characterization, and robust deterministic and probabilistic modeling of deformation and damage. Encompassing a slate of topics that enable readers to comprehend and approach ICME-related issues involved in predicting material performance and failure, the book is ideal for mechanical, civil, and aerospace engineers, and materials scientists, in in academic, government, and industrial laboratories. Presents data acquisition, characterization, and image-based virtual models across multiple scales; Adopts a physics-based approach to multi-scale model development for material performance and failure response; Describes experimental methods for constitutive models, response functions, and failure processes; Maximizes reader understanding with probabilistic modeling and uncertainty quantification.