

1. Record Nr.	UNINA9910254176003321
Autore	Perez Nestor
Titolo	Fracture Mechanics / / by Nestor Perez
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
ISBN	3-319-24999-1
Edizione	[2nd ed. 2017.]
Descrizione fisica	1 online resource (XIV, 418 p. 205 illus., 179 illus. in color.)
Disciplina	620.1126
Soggetti	Mechanics Mechanics, Applied Materials science Solid Mechanics Characterization and Evaluation of Materials
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Theory of Elasticity -- Introduction to Fracture Mechanics -- Linear-Elastic Fracture Mechanics -- Linear-Elastic Field Equations -- Crack Tip Plasticity -- The Energy Principle -- Elastic-Plastic Fracture Mechanics -- Mixed-Mode Fracture Mechanics -- Fatigue Crack Growth -- Fracture Toughness Correlations.-.
Sommario/riassunto	The second edition of this textbook includes a refined presentation of concepts in each chapter, additional examples; new problems and sections, such as conformal mapping and mechanical behavior of wood; while retaining all the features of the original book. The material included in this book is based upon the development of analytical and numerical procedures pertinent to particular fields of linear elastic fracture mechanics (LEFM) and plastic fracture mechanics (PFM), including mixed-mode-loading interaction. The mathematical approach undertaken herein is coupled with a brief review of several fracture theories available in cited references, along with many color images and figures. Dynamic fracture mechanics is included through the field of fatigue and Charpy impact testing. Explains computational and engineering approaches for solving crack-related problems using straightforward mathematics that facilitate comprehension of the

physical meaning of crack growth processes; Expands computational understanding with theoretical concepts and detailed treatments of formula derivation; Presents analytical methods for deriving stress and strain functions related to fracture mechanics; Reinforces concepts and modeling techniques with example problems that support comprehension and application of a particular theory.

2. Record Nr.	UNINA9910967809903321
Autore	Arteaga Deborah
Titolo	Spanish as an international language : implications for teachers and learners / / Deborah Arteaga-Capen and Lucia Llorente
Pubbl/distr/stampa	Buffalo, : Multilingual Matters, 2009
ISBN	9786612465925 9781788920780 1788920783 9781282465923 1282465929 9781847691736 1847691730
Edizione	[1st ed.]
Descrizione fisica	1 online resource (268 p.)
Collana	New perspectives on language and education ; ; 14
Classificazione	IM 1495
Altri autori (Persone)	LlorenteLucia I (Lucia Isabel)
Disciplina	467/.009
Soggetti	Spanish language - Study and teaching - Foreign speakers Spanish language - Variation Second language acquisition
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	Frontmatter -- Contents -- Acknowledgements -- Chapter 1. Linguistics Perspectives on Spanish in a Pluricentric Society: Who Cares How They Speak? Why Variation in the Spanish Language is Important -- Chapter 2. ¿Pescado o pehscao? The Sounds of Spanish in All Their Variety -- Chapter 3. ¿Dicen o decís? Variation in the Forms of Spanish -- Chapter 4. ¿Frijol o habichuela? Spanish Lexical Variety: Potential and Pitfalls -- Chapter 5. They Said haiga in El Mío Cid? The History of

Spanish as a Window to Variation -- Chapter 6. Textbooks and Tips: How to Use and Enhance Available Resources in the University-level Class -- Chapter 7. Putting it All Together: Linguistics and Variation in the Spanish Language -- Notes -- Glossary of Terms -- Bibliography -- Suggestions for Future Reading -- Author Index -- Subject Index

Sommario/riassunto

Spanish is a pluricentric language, meaning that it has several centers of prestige (e.g., San Juan, Buenos Aires, Mexico City, Lima). Moreover, Spanish, like all languages, evinces sociolinguistic variation, in that levels of formality are expressed through the use of different structures. Given this variety, students of Spanish will inevitably come into contact with variation Spanish. This variation in Spanish adds layers of complexity to the learning and instruction of the Spanish language; therefore, a linguistic understanding of variation is crucial for our students to achieve communicative competence. This unique work, which provides an overview of the most important linguistic aspects of Spanish within a context that recognizes variation, assumes no prior linguistic knowledge and is appropriate as a valuable resource manual for teachers and learners of Spanish alike.
