1. Record Nr. UNINA9910455081203321

Autore	Woods Christopher <1968->
Titolo	The grammar of perspective [[electronic resource]] : the Sumerian conjugation prefixes as a system of voice / / by Christopher Woods
Pubbl/distr/stampa	Leiden ; ; Boston, : Brill, 2008
ISBN	1-282-39652-8 9786612396526 90-474-4208-3
Descrizione fisica	1 online resource (372 p.)
Collana	Cuneiform monographs, , 0929-0052 ; ; v. 32
Disciplina	499/.955
Soggetti	Sumerian language - Affixes Sumerian language - Morphology Sumerian language - Voice Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Partly based on the author's dissertation (doctoral--Harvard University).
Nota di bibliografia	Includes bibliographical references (p. [313]-330) and indexes.
Nota di contenuto	Preliminary Material / C.E. Woods -- Chapter One. Introduction / C.E. Woods -- Chapter Two. Linguistic background—voice and related notions / C.E. Woods -- Chapter Three. Mu / C.E. Woods -- Chapter Four. Imma / C.E. Woods -- Chapter Five. Ba / C.E. Woods -- Conclusion / C.E. Woods -- Bibliography / C.E. Woods -- Index / C.E. Woods.
Sommario/riassunto	The so-called Sumerian conjugation prefixes are the most poorly understood and perplexing elements of Sumerian verbal morphology. Approaching the problem from a functional-typological perspective and basing the analysis upon semantics, Professor Woods argues that these elements, in their primary function, constitute a system of grammatical voice, in which the active voice is set against the middle voice. The latter is represented by heavy and light markers that differ with respect to focus and emphasis. As a system of grammatical voice, the conjugation prefixes provided Sumerian speakers with a linguistic means of altering the perspective from which events may be viewed, giving speakers a series of options for better approximating in language the infinitely graded spectrum of human conceptualization

	and experience. "Woods is to be commended for establishing a new precedent for analyzing Sumerian grammar which will hopefully become a model for future studies of the language." Paul Delnero, Johns Hopkins University

2.

Record Nr.	UNINA9910459305803321
Autore	Wei Robert Peh-ying <1931->
Titolo	Fracture mechanics : integration of mechanics, materials science, and chemistry / / Robert P. Wei [[electronic resource]]
Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 2010
ISBN	0-511-73937-0 1-107-20487-9 0-511-80686-8 0-511-68597-1 0-511-68148-8 0-511-67699-9 0-511-68346-4 0-511-68471-1 0-511-67950-5
Descrizione fisica	1 online resource (xv, 214 pages) : digital, PDF file(s)
Disciplina	620.1/126
Soggetti	Fracture mechanics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 05 Oct 2015).
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	1. Introduction -- 2. Physical basis of fracture mechanics -- 3. Stress analysis of cracks -- 4. Experimental determination of fracture toughness -- 5. Fracture considerations for design (safety) -- 6. Subcritical crack growth : creep-controlled crack growth -- 7. Subcritical crack growth : stress corrosion cracking and fatigue crack growth (phenomenology) -- 8. Subcritical crack growth - environmentally enhanced crack growth under sustained loads (or stress corrosion cracking) -- 9. Subcritical crack growth : environmentally enhanced fatigue crack growth (or corrosion fatigue)

	-- 10. Science-based probability modeling and life-cycle engineering and management.
Sommario/riassunto	Fracture and 'slow' crack growth reflect the response of a material (i.e. its microstructure) to the conjoint actions of mechanical and chemical driving forces and are affected by temperature. There is therefore a need for quantitative understanding and modeling of the influences of chemical and thermal environments and of microstructure, in terms of the key internal and external variables, and for their incorporation into design and probabilistic implications. This text, which the author has used in a fracture mechanics course for advanced undergraduate and graduate students, is based on the work of the author's Lehigh University team whose integrative research combined fracture mechanics, surface and electrochemistry, materials science, and probability and statistics to address a range of fracture safety and durability issues on aluminum, ferrous, nickel, and titanium alloys and ceramics. Examples are included to highlight the approach and applicability of the findings in practical durability and reliability problems.