1. Record Nr. UNISA996445847703316

Titolo	Valency over Time : Diachronic Perspectives on Valency Patterns and Valency Orientation / / ed. by Silvia Luraghi, Elisa Roma
Pubbl/distr/stampa	Berlin ; ; Boston : , : De Gruyter Mouton, , [2021] ©2021
ISBN	3-11-075565-3
Descrizione fisica	1 online resource (V, 341 p.)
Collana	Trends in Linguistics. Studies and Monographs [TiLSM] , , 1861-4302 ; ; 368
Soggetti	LANGUAGE ARTS & DISCIPLINES / Linguistics / General
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	Frontmatter -- Contents -- Valency and transitivity over time: An introduction -- Transitivity, diachrony, and language contact -- Valency patterns and alternations in Gothic -- Valency Patterns of Old Irish verbs: finite and non-finite syntax -- Anticausativization and basic valency orientation in Latin -- Basic valency in diachrony: from Ancient to Modern Greek -- Basic causative verb patterns in Uralic: Retention and renewal in grammar and lexicon -- The many ways of transitivization in Totoli -- Anticausatives and lability in Italian and French: a diachronic-synchronic comparative study -- Phonologically conditioned lability in Soninke (West-Mande) and its historical explanation -- Index of Authors -- Index of Subjects -- Index of Languages
Sommario/riassunto	Valency patterns and valency orientation have been frequent topics of research under different perspectives, often poorly connected. Diachronic studies on these topics is even less systematic than synchronic ones. The papers in this book bring together two strands of research on valency, i.e. the description of valency patterns as worked out in the Leipzig Valency Classes Project (ValPaL), and the assessment of a language's basic valency and its possible orientation. Notably, the ValPaL does not provide diachronic information concerning the valency patterns investigated: one of the aims of the book is to supplement the available data with data from historical stages of languages, in order to

	make it profitably exploitable for diachronic research. In addition, new research on the diachrony of basic valency and valency alternations can deepen our understanding of mechanisms of language change and of the propensity of languages or language families to exploit different constructional patterns related to transitivity.

2. Record Nr. UNINA9910809545303321

Autore	CHEN JIQUAN
Titolo	Biophysical Models and Applications in Ecosystem Analysis
Pubbl/distr/stampa	[S.l.] : , : MICHIGAN STATE UNIV PRESS, , 2021 ©2021
ISBN	1-60917-667-7
Edizione	[1st ed.]
Descrizione fisica	1 online resource (1 online resource)
Collana	Ecosystem Science&Applications
Disciplina	577.01/13
Soggetti	Biotic communities - Research - Methodology Biotic communities - Simulation methods Ecology - Simulation methods
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	"The past five decades have witnessed a rapid growth of computer models for simulating ecosystem functions and dynamics. This has been fueled by the availability of remote sensing data, computation capability, and cross-disciplinary sciences. These models contain many sub-modules for simulating different processes and forcing mechanisms, albeit it has become challenging to truly understand the details due to their complexity. Most ecosystem models, fortunately, are rooted in a few core biophysical foundations, such as widely recognized Farquhar's model, Ball-Berry-Leuning-Medlyn family models, Penman-Monteith model, Priestley-Taylor Model, Machaelis-Menten kinetics, and others. After an introduction of biophysical essentials, four chapters present the core algorithms and their behaviors in modeling ecosystem production, respiration,

evapotranspiration, and global warming potentials"--