

1. Record Nr.	UNINA9910595072203321
Autore	Hoa Jerzy
Titolo	Non-destructive Testing in Civil Engineering
Pubbl/distr/stampa	Basel, : MDPI Books, 2022
Descrizione fisica	1 electronic resource (320 p.)
Soggetti	Technology: general issues History of engineering & technology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	This Special Issue, entitled "Non-Destructive Testing in Civil Engineering", aims to present to interested researchers and engineers the latest achievements in the field of new research methods, as well as the original results of scientific research carried out with their use—not only in laboratory conditions but also in selected case studies. The articles published in this Special Issue are theoretical—experimental and experimental, and also show the practical nature of the research. They are grouped by topic, and the main content of each article is briefly discussed for your convenience. These articles extend the knowledge in the field of non-destructive testing in civil engineering with regard to new and improved non-destructive testing (NDT) methods, their complementary application, and also the analysis of their results—including the use of sophisticated mathematical algorithms and artificial intelligence, as well as the diagnostics of materials, components, structures, entire buildings, and interesting case studies.

2. Record Nr.	UNINA9910789404003321
Autore	Faulhaber Susen <1978->
Titolo	Verb valency patterns [[electronic resource]] : a challenge for semantics-based accounts // by Susen Faulhaber
Pubbl/distr/stampa	Berlin ; ; New York, : De Gruyter Mouton, 2011
ISBN	1-283-16590-2 9786613165909 3-11-024078-5
Descrizione fisica	1 online resource (374 p.)
Collana	Topics in English linguistics, , 1434-3452 ; ; 71
Disciplina	425/.6
Soggetti	Grammar, Comparative and general - Verb phrase Semantics Dependency grammar
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Originally presented as the author's thesis (doctoral--University of Erlangen and Nuremberg, Germany, 2009) under the title: Semantic aspects of verb valency.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Front matter -- Preface -- Contents -- Figures -- Tables -- Abbreviations -- 1 Introduction -- 2 The meaning of complements -- 3 Pattern choice and verb meaning -- 4 The meaning of patterns -- 5 Conclusion -- Appendix 1 -- References -- Index
Sommario/riassunto	Taking as its point of departure the general assumption that meaning is crucial in accounting for verb complementation, this volume presents the results of an empirical study of verb complementation patterns of semantically similar English verbs. The semantic parallels of the verbs selected are based on their coverage in dictionaries - first and foremost the Valency Dictionary of English (Herbst, Heath, Roe and Götz 2004) - as well as corpus research and native speaker assessments. It is demonstrated that despite obvious similarities in complementation between such verbs, there are still a significant number of syntactic discrepancies which cannot be accounted for on the basis of meaning alone and that semantic factors - such as selection restrictions and aspectual properties - do not sufficiently correlate with the verbs' syntactic properties and consequently do not have sufficient

explanatory power. Thus the results rigorously challenge so-called projectionist approaches which assume the position that complementation is determined by semantic properties and thus ought to be predictable on this basis. In the light of a general trend towards placing greater emphasis on semantic aspects, in the fields of construction grammar and cognitive grammar too, the number of idiosyncratic phenomena on the level of single complements as well as whole patterns clearly underlines the importance of storage phenomena as opposed to rule-based generation. As such it stresses the necessity of finding ways to systematically account for item-specific properties of verbs in any grammatical theory of the English language. The book is targeted at all linguists interested in the relationship between semantics and syntax, which is one of the prevalent questions in modern linguistics, also in the field of construction grammar and cognitive grammar. Since the data is presented in a way which is compatible with various theories of complementation, the target group is clearly not restricted to any specific linguistic school. Because of the large amount of item-specific information presented, this book is also a valuable source for grammarians and lexicographers.
