1.	Record Nr.	UNINA9910465629903321
	Autore	Monachesi Paola
	Titolo	The verbal complex in romance [[electronic resource]] : a case study in grammatical interfaces / / Paola Monachesi
	Pubbl/distr/stampa	Oxford ; ; New York, : Oxford University Press, 2005
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	Descrizione fisica	1 online resource (304 p.)
	Collana	Oxford linguistics Oxford studies in theoretical linguistics ; ; 9
	Disciplina	440.0456
	Soggetti	Romance languages - Verb Electronic books.
	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 (p. [267]-280) and index.
	Nota di contenuto	Contents; General Preface; Dedication; Abbreviations; Acknowledgements; 1 Introduction; 1.1 Outline; 2 The Framework; 2.1 Basic assumptions; 2.2 The principles; 2.3 Phrases and constituent structure; 2.4 Lexical generalizations; 2.5 The organization of the grammar and the implications for the interfaces: A comparison with other theories; 3 Morphology and its Interfaces: The Case of Romance Clitics; 3.1 Introduction; 3.2 A constrained-based view of morphology; 3.2.1 The word-syntax approach; 3.2.2 Realizational approaches; 3.3 Romance clitics as a test case for grammatical interfaces 3.3.1 General properties of Romance clitics3.3.2 The affixal status of Romance clitics; 3.3.3 Phonology; 3.3.4 Conclusions; 3.4 A lexical analysis of Romance clitics; 3.4.1 Clitic doubling; 3.4.2 Subject clitics; 3.5 Morphophonological properties of Romance clitics; 3.5.1 Syntactic and morphological approaches to clitic distribution; 3.5.2 The clitic cluster; 3.5.3 The morphophonological features; 3.5.4 The spelling out of Romance pronominal clitics; 3.5.5 An alternative realizational approach; 3.6 Germanic clitics; 3.7 Slavic clitics; 3.8 A brief review 3.9 Comparing frameworks: Distributed Morphology3.10 Comparing frameworks: Optimality Theory; 3.11 Conclusions; 4 Syntax and its Interfaces: The Case of Romance Auxiliary Verbs; 4.1 Introduction; 4.2 Basic properties of Romanian tense auxiliaries; 4.3 The syntactic

Sommario/riassunto	This book explores the interface between syntax and phonology, morphology, and argument structure. The author presents case studies, such as clitics and auxiliary and modal verbs in Romance, and grounds theoretical analysis in constant exemplification. This is a valuable contribution to the study of grammatical interfaces and to Romance verbal typology and comparative linguistics. - ;This book explores the interface between syntax and the other components of the grammar, in particular phonology, morphology, and argument structure. The author proceeds through a consideration of case studies, su

2. Record Nr.	UNINA9910830938203321
Autore	Zhu Yu <1973->
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ISBN	1-280-34978-6 9786610349784 0-470-36254-5 0-471-78638-1 0-471-78637-3
Descrizione fisica	1 online resource (438 p.)
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Altri autori (Persone)	CangellarisAndreas C
Disciplina	530.141 621.38132
Soggetti	Electromagnetic fields - Mathematical models Multigrid methods (Numerical analysis)
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	List of Figures. -- List of Tables. -- Preface. -- Acknowledgments. -- 1. Introduction. -- 2. Hierarchical Basis Functions for Triangles and Tetrahedra. -- 3. Finite Element Formulations of Electromagnetic BVPs. -- 4. Iterative Methods, Preconditioners, and Multigrid. -- 5. Nested Multigrid Preconditioner. -- 6. Nested Multigrid Vector and Scaler Potential Preconditioner. -- 7. Hierarchical Multilevel and Hybrid Potential Preconditioners. -- 8. Krylov-Subspace Based Eigenvalue Analysis. -- 9. Two-Dimensional Eigenvalue Analysis of Waveguides. -- 10. Three-Dimensional Eigenvalue Analysis of Resonators. -- 11. Model Order Reduction of Electromagnetic Systems. -- 12. Finite Element Analysis of Periodic Structures. -- Appendix A: Identities and Theorems from Vector Calculus. -- Index.
Sommario/riassunto	This is the first comprehensive monograph that features state-of-the-art multigrid methods for enhancing the modeling versatility, numerical robustness, and computational efficiency of one of the most popular classes of numerical electromagnetic field modeling methods: the

method of finite elements. The focus of the publication is the development of robust preconditioners for the iterative solution of electromagnetic field boundary value problems (BVPs) discretized by means of finite methods. Specifically, the authors set forth their own successful attempts to utilize concepts from multigrid and multilevel methods for the effective preconditioning of matrices resulting from the approximation of electromagnetic BVPs using finite methods. Following the authors' careful explanations and step-by-step instruction, readers can duplicate the authors' results and take advantage of today's state-of-the-art multigrid/multilevel preconditioners for finite element-based iterative electromagnetic field solvers. Among the highlights of coverage are: * Application of multigrid, multilevel, and hybrid multigrid/multilevel preconditioners to electromagnetic scattering and radiation problems * Broadband, robust numerical modeling of passive microwave components and circuits * Robust, finite element-based modal analysis of electromagnetic waveguides and cavities * Application of Krylov subspace-based methodologies for reduced-order macromodeling of electromagnetic devices and systems * Finite element modeling of electromagnetic waves in periodic structures The authors provide more than thirty detailed algorithms alongside pseudo-codes to assist readers with practical computer implementation. In addition, each chapter includes an applications section with helpful numerical examples that validate the authors' methodologies and demonstrate their computational efficiency and robustness. This groundbreaking book, with its coverage of an exciting new enabling computer-aided design technology, is an essential reference for computer programmers, designers, and engineers, as well as graduate students in engineering and applied physics.