

1. Record Nr.	UNINA9910464240503321
Autore	Nasukawa Kuniya <1967->
Titolo	A unified approach to nasality and voicing / / by Kuniya Nasukawa
Pubbl/distr/stampa	Berlin ; ; New York : , : Mouton de Gruyter, , [2005] ©2005
ISBN	3-11-091049-7
Descrizione fisica	1 online resource (205 pages) : illustrations
Collana	Studies in generative grammar ; ; 65
Classificazione	ET 220
Disciplina	414/.8
Soggetti	Nasality (Phonetics) Grammar, Comparative and general - Voice Grammar, Comparative and general - Complement Grammar, Comparative and general - Agreement Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references (pages [163]-177) and indexes.
Nota di contenuto	Front matter -- Abstract -- Acknowledgements -- Contents -- Abbreviations and symbols -- Chapter 1. Nasal-voice affinities -- Chapter 2. Typological aspects of nasality and voicing -- Chapter 3. The melodic architecture of nasality, voicing and prenasality -- Chapter 4. An integrated approach to nasality and long-lead voicing -- Chapter 5. Prenasalisation and nasalisation of voiced obstruents -- Chapter 6. Assimilatory processes involving nasality and voicing -- Chapter 7. Conclusion -- Notes -- References -- Language index -- Subject index -- Author index
Sommario/riassunto	This book makes an important contribution to the expanding body of work in generative phonology which aims to reduce the number of traditionally recognized melodic categories in order to achieve a greater degree of restrictiveness. By analyzing data from a large number of different languages, Nasukawa establishes a clear affinity between nasality and voicing, and demonstrates the advantages of treating these two properties as different phonetic manifestations of a single nasal-voice category. The choice of whether to interpret this category as voicing or nasality is determined by the active or inactive status of a complement tier; when active, this complement tier

enhances the acoustic image of its head category and is interpreted as voicing. This study deepens our understanding of the typological relation between nasality and voicing, and sheds new light on a number of related agreement phenomena such as nasal harmony, postnasal voicing assimilation, voiced-obstruent voicing assimilation and spontaneous prenasalisation.

2. Record Nr.

Autore

Titolo

Pubbl/distr/stampa

Descrizione fisica

Collana

Altri autori (Persone)

Soggetti

Lingua di pubblicazione

Formato

Livello bibliografico

Note generali

Nota di bibliografia

UNINA9910700717003321

Oleson Steven R (Steven Robert), <1964->

COMPASS Final Report [[electronic resource]] : Saturn moons orbiter using Radioisotope Electric Propulsion (REP) : flagship class mission // Steven R. Oleson and Melissa L. McGuire

Cleveland, Ohio : , : National Aeronautics and Space Administration, Glenn Research Center, , [2011]

1 online resource (iv, 56 pages) : color illustrations

NASA/TM ; ; 2011-216972

McGuireMelissa L

Electric propulsion

Centaur launch vehicle

Aerospace systems

Propulsion system performance

Propulsion system configurations

Flyby missions

Inglese

Materiale a stampa

Monografia

Title from title screen (viewed on Oct. 18, 2011).

"February 2011."

"CD-2007-19."

Includes bibliographical references (page 56).

3. Record Nr.	UNISA996216470003316
Titolo	Bruce R. Hopkins' nonprofit counsel
Pubbl/distr/stampa	[Hoboken, NJ], : Wiley Periodicals, Inc., ©2003-2022 Malden, MA, : John Wiley & Sons
ISSN	1542-8427
Descrizione fisica	1 online resource
Disciplina	346
Soggetti	Nonprofit organizations - Law and legislation - United States Nonprofit organizations - Taxation - Law and legislation Associations sans but lucratif - Droit - États-Unis Associations sans but lucratif - Impôts - Droit Nonprofit organizations - Law and legislation Periodicals. United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	Refereed/Peer-reviewed Title from table of contents screen (Wiley InterScience; viewed: 10/19/2006).

4. Record Nr.	UNINA9910779283803321
Autore	Schott Rene
Titolo	Operator calculus on graphs [[electronic resource]] : theory and applications in computer science / / Rene Schott, G. Stacey Staples
Pubbl/distr/stampa	London, : Imperial College Press, 2012
ISBN	1-280-66906-3 9786613645999 1-84816-877-2
Descrizione fisica	1 online resource (428 p.)
Altri autori (Persone)	StaplesG. Stacey
Disciplina	515 515.72
Soggetti	Calculus Computer science - Mathematics
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	Preface; Acknowledgments; Contents; Combinatorial Algebras and Their Properties; 1. Introduction; 1.1 Notational Preliminaries; 2. Combinatorial Algebra; 2.1 Six Group and Semigroup Algebras; 2.1.1 The group of blades $B_{p,q}$; 2.1.1.1 Involutions; 2.1.1.2 The n -dimensional hypercube Q_n ; 2.1.2 The abelian blade group $B_{p,q}$ sym; 2.1.3 The null blade semigroup; 2.1.4 The abelian null blade semigroup sym; 2.1.5 The semigroup of idempotent blades idem; 2.1.6 The path semigroup n ; 2.1.7 Summary; 2.1.7.1 Algebras I-IV; 2.1.7.2 Algebra V; 2.1.7.3 Algebra VI; 2.2 Clifford and Grassmann Algebras 2.2.1 Grassmann (exterior) algebras 2.2.2 Clifford algebras; 2.2.3 Operator calculus on Clifford algebras; 2.3 The Symmetric Clifford Algebra sym; 2.4 The Idempotent-Generated Algebra idem; 2.5 The n -Particle Zeon Algebra nil; 2.6 Generalized Zeon Algebras; 3. Norm Inequalities on Clifford Algebras; 3.1 Norms on $C_{p,q}$; 3.2 Generating Functions; 3.3 Clifford Matrices and the Clifford-Frobenius Norm; 3.4 Powers of Clifford Matrices; Combinatorics and Graph Theory; 4. Specialized Adjacency Matrices; 4.1 Essential Graph Theory; 4.2 Clifford Adjacency Matrices; 4.3 Nilpotent Adjacency Matrices 4.3.1 Euler circuits 4.3.2 Conditional branching; 4.3.3 Time-

homogeneous random walks on finite graphs; 5. Random Graphs; 5.1 Preliminaries; 5.2 Cycles in Random Graphs; 5.3 Convergence of Moments; 6. Graph Theory and Quantum Probability; 6.1 Concepts; 6.1.1 Operators as random variables; 6.1.2 Operators as adjacency matrices; 6.2 From Graphs to Quantum Random Variables; 6.2.1 Nilpotent adjacency operators in infinite spaces; 6.2.2 Decomposition of nilpotent adjacency operators; 6.3 Connected Components in Graph Processes; 6.3.1 Algebraic preliminaries; 6.3.2 Connected components 6.3.2.1 (k, d)-components6.3.3 Second quantization of graph processes; 7. Geometric Graph Processes; 7.1 Preliminaries; 7.2 Dynamic Graph Processes; 7.2.1 Vertex degrees in G_n ; 7.2.2 Energy and Laplacian energy of geometric graphs; 7.2.3 Convergence conditions and a limit theorem; 7.3 Time-Homogeneous Walks on Random Geometric Graphs; Probability on Algebraic Structures; 8. Time-Homogeneous Random Walks; 8.1 sym and Random Walks on Hypercubes; 8.2 Multiplicative Walks on $C_{p,q}$; 8.2.1 Walks on directed hypercubes; 8.2.2 Random walks on directed hypercubes with loops 8.2.3 Properties of multiplicative walks8.3 Induced Additive Walks on $C_{p,q}$; 8.3.1 Variance of N ; 8.3.2 Variance of; 8.3.3 Central limit theorems; 9. Dynamic Walks in Clifford Algebras; 9.1 Preliminaries; 9.2 Expectation; 9.3 Limit Theorems; 9.3.1 Conditions for convergence; 9.3.2 Induced additive walks; 9.3.3 Central limit theorem; 10. Iterated Stochastic Integrals; 10.1 Preliminaries; 10.2 Stochastic Integrals in; 10.3 Graph-Theoretic Iterated Stochastic Integrals; 10.3.1 Functions on partitions; 10.3.2 The Clifford evolution matrix; 10.3.3 Orthogonal polynomials

11. Partition-Dependent Stochastic Measures

Sommario/riassunto

This pioneering book presents a study of the interrelationships among operator calculus, graph theory, and quantum probability in a unified manner, with significant emphasis on symbolic computations and an eye toward applications in computer science. Presented in this book are new methods, built on the algebraic framework of Clifford algebras, for tackling important real world problems related, but not limited to, wireless communications, neural networks, electrical circuits, transportation, and the world wide web. Examples are put forward in Mathematica throughout the book, together with pack
