

1. Record Nr.	UNINA9910785706503321
Autore	Volet Simone
Titolo	Interpersonal Regulation of Learning and Motivation [[electronic resource] ] : Methodological Advances
Pubbl/distr/stampa	Hoboken, : Taylor and Francis, 2013 New York : , : Routledge, , 2013
ISBN	1-283-91934-6 0-203-11773-5 1-136-30557-2
Descrizione fisica	1 online resource (241 p.)
Collana	New Perspectives on Learning and Instruction
Classificazione	EDU000000EDU009000EDU037000
Altri autori (Persone)	VaurasMarja
Disciplina	370.15 370.154
Soggetti	EDUCATION / Educational Psychology EDUCATION / General EDUCATION / Research Interaction analysis in education Interpersonal relations in children Learning, Psychology of Motivation in education Education Social Sciences Theory & Practice of Education
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	Cover; Interpersonal Regulation of learning and Motivation: Methodological Advances; Copyright; Contents; List of Figures; List of Tables; List of Contributors; Preface; 1. The Study of Interpersonal Regulation in Learning and Its Challenge to the Research Methodology; 2. Video Analysis of Self-regulated Learning in Social and Naturalistic Contexts: The Case of Preschool and Primary School Children; 3. Tracing Students' Regulation of Learning in Complex Collaborative Tasks; 4. Metacognitive Regulation in Collaborative Learning: Conceptual Developments and Methodological Contextualizations

5. Understanding Quality Variation in Socially Shared Regulation: A Focus on Methodology  
6. Interpersonal Regulation in Instructional Interaction: A Dynamic Systems Analysis of Scaffolding  
7. Observing Interpersonal Regulation of Engagement During Instruction in Middle School Classrooms  
8. Analyzing Regulation of Motivation as an Individual and Social Process: A Situated Approach  
9. Recontextualizing Practices: Situative Methods for Studying the Development of Motivation, Identity, and Learning in and Through Multiple Contexts over Time  
10. Interpersonal Regulation in Collaborative Learning Activities: Reflections on Emerging Research Methodologies  
Index

---

Sommario/riassunto

Interpersonal Regulation of Learning and Motivation is the first book in the field to focus on major methodological advances in research on interpersonal regulation of learning and motivation. Interest in developing ways of capturing the dynamics of interpersonal regulation in real-life learning interactions is growing rapidly. Understanding these dynamics is particularly timely given the increased use of collaborative learning activities in schools and university settings, as well as through face-to-face and computer supported collaborative learning (CSCL) environments. Whi

---

2. Record Nr.	UNINA9910483773103321
Titolo	Combinatorics on Words : 10th International Conference, WORDS 2015, Kiel, Germany, September 14-17, 2015, Proceedings // edited by Florin Manea, Dirk Nowotka
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	3-319-23660-1
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (XVIII, 237 p. 47 illus.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 9304
Disciplina	511.6
Soggetti	Machine theory Computer science Computer science - Mathematics Discrete mathematics Artificial intelligence Software engineering Formal Languages and Automata Theory Theory of Computation Discrete Mathematics in Computer Science Artificial Intelligence Software Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Intro -- Preface -- Organization -- Abstracts of Invited Talks -- Degrees of Transducibility -- Equality Testing of Compressed Strings -- On the Contribution of WORDS to the Field of Combinatorics on Words -- Codes and Automata in Minimal Sets -- Decidability of Abelian-Power-Freeness and Generalizations -- Thue-Morse Along Two Polynomial Subsequences -- Contents -- Degrees of Transducibility -- 1 Introduction -- 2 Preliminaries -- 2.1 Finite State Transducers and Mealy Machines -- 2.2 Degrees of Transducibility -- 3 Comparison -- 4 Atoms and Polynomials -- 5 A Plethora of Questions -- References -- Equality Testing of Compressed Strings -- 1 Introduction -- 2 Straight-Line Programs -- 3 Sequential Algorithms --

4 A Parallel Algorithm -- 5 Related Problems -- 6 Open Problems --  
 References -- On the Contribution of WORDS to the Field of  
 Combinatorics on Words -- References -- Codes and Automata in  
 Minimal Sets -- 1 Introduction -- 2 Neutral and Tree Sets -- 2.1  
 Neutral Sets -- 2.2 Tree Sets -- 3 Automata -- 4 Codes -- 4.1 A  
 Cardinality Theorem for Prefix Codes -- 4.2 The Group of a Bifix Code  
 -- References -- Thue--Morse Along Two Polynomial Subsequences --  
 1 Introduction -- 2 Thue--Morse at Distinct Multiples -- 3 Thue--  
 Morse at Two Polynomials -- References -- Canonical Representatives  
 of Morphic Permutations -- 1 Introduction -- 2 Basic Definitions -- 3  
 Ergodic Permutations -- 4 Ergodic Permutations Generated by Words --  
 4.1 Morphisms on Words and Intervals -- References -- Linear-Time  
 Computation of Prefix Table for Weighted Strings -- 1 Introduction --  
 2 Properties and Auxiliary Data Structures -- 3 Algorithm -- 4 Final  
 Remarks -- References -- New Formulas for Dyck Paths in a Rectangle  
 -- 1 Introduction -- 2 Definitions and Notation -- 3 Ferrers Diagrams  
 Comparison Method -- 3.1 Diagrams Decomposition Method -- 3.2  
 Technical Results.  
 4 Theorems -- 5 Examples -- 5.1 Example  $D_{8,8n+6}$  -- 5.2 Example  
 $D_{6,6n+2}$  -- 5.3 Example  $D_{6,9}$ . -- References -- Ambiguity of  
 Morphisms in a Free Group -- 1 Introduction -- 2 Preliminaries -- 3  
 Basic Ambiguity -- 4 Unambiguous Injective Morphisms -- 4.1 Main  
 Theorem -- 4.2 Proof Outline -- 5 Patterns with Terminal Symbols --  
 References -- The Degree of Squares is an Atom -- 1 Introduction -- 2  
 Preliminaries -- 3 Finite-State Transducers and Degrees -- 4  
 Characterising Transducts of Spiralling Sequences -- 5 Squares --  
 References -- Words with the Maximum Number of Abelian Squares --  
 1 Introduction -- 2 Notation and Background -- 3 Abelian-square Rich  
 Words -- 3.1 The Thue-Morse Word -- 3.2 Sturmian Words -- 4  
 Conclusions and Future Work -- References -- Arithmetics on Suffix  
 Arrays of Fibonacci Words -- 1 Introduction -- 2 Related Work -- 3  
 Preliminaries -- 4 The Suffix Array and Its Inverse -- 5 Burrows-  
 Wheeler Transform -- 6 Outlook -- References -- Prefix-Suffix Square  
 Completion -- 1 Introduction -- 2 Definitions -- 3 Generating Infinite  
 Words -- 4 Finite Words: Algorithms -- 5 Future Work -- References --  
 Square-Density Increasing Mappings -- 1 Introduction -- 2  
 Preliminaries -- 3 Fractional-Power Density Increasing Mappings to  
 Expand the Alphabet -- 3.1 Fractional-Power Density Preserving  
 Quaternarizer -- 3.2 Fractional-Power Density Preserving Mappings to  
 Double the Alphabet Size -- 4 Strictly Square-Density Increasing  
 Mappings -- 4.1 Strictly Square-Density Increasing Alphabet Downsizer  
 -- 5 Future Work -- References -- Mechanical Proofs of Properties of  
 the Tribonacci Word -- 1 Introduction -- 2 Tribonacci Representation  
 -- 3 Mechanical Proofs of Properties of the Infinite Tribonacci Word --  
 3.1 Repetitions -- 4 Enumeration -- 5 Additional Results -- 5.1  
 Palindromes -- 5.2 Quasiperiods -- 5.3 Unbordered Factors -- 5.4  
 Lyndon Words.  
 5.5 Critical Exponent -- 6 Abelian Properties -- 7 Things We Could Not  
 Do Yet -- References -- On Arithmetic Progressions in the Generalized  
 Thue-Morse Word -- 1 Introduction -- 2 Preliminaries -- 3 Main Result  
 -- 3.1 Case of  $d=3n-1$  -- 3.2 Case of  $d=3n-1$  -- 4 Conclusion --  
 References -- A Square Root Map on Sturmian Words -- 1 Introduction  
 -- 2 Notation and Preliminary Results -- 2.1 Optimal Squareful Words  
 -- 2.2 Continued Fractions -- 2.3 Sturmian Words -- 2.4 Powers in  
 Sturmian Words -- 3 The Square Root Map -- 4 One Characterization  
 of Words Satisfying the Square Root Condition -- 5 Characterization by  
 a Word Equation -- 6 A More Detailed Combinatorial Description of the  
 Square Root Map -- References -- Specular Sets -- 1 Introduction -- 2

Preliminaries -- 3 Specular Groups -- 4 Specular Sets -- 5 Subgroup Theorems -- References -- On the Tree of Ternary Square-Free Words -- 1 Introduction -- 2 Definitions and Notation -- 3 Letters Fixed by Short Squares -- 4 Long Squares -- 5 Discussion -- References -- Author Index.

---

Sommario/riassunto

This book constitutes the refereed proceedings of the 10th International Conference on Combinatorics on Words, WORDS 2015, held in Kiel, Germany, in September 2015 under the auspices of the EATCS. The 14 revised full papers presented were carefully reviewed and selected from 22 submissions. The main object in the contributions are words, finite or infinite sequences of symbols over a finite alphabet. The papers reflect both theoretical contributions related to combinatorial, algebraic, and algorithmic aspects of words, as well as to contributions presenting applications of the theory of words in other field of computer science, linguistics, biology, bioinformatics, or physics.

---