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Nota di contenuto	Algebraic Systems Biology: Theses and Hypotheses -- Discrete Models of Biochemical Networks: The Toric Variety of Nested Canalyzing Functions -- Membrane Computing as a Framework for Bio-modeling (An Informal Glimpse) -- Relating Attractors and Singular Steady States in the Logical Analysis of Bioregulatory Networks -- Translating Time-Course Gene Expression Profiles into Semi-algebraic Hybrid Automata Via Dimensionality Reduction -- On Proving the Absence of Oscillations in Models of Genetic Circuits -- Attenuation Regulation as a Term Rewriting System -- Glucose-Insulin Control of Type1 Diabetic Patients in H2/H??? Space Via Computer Algebra -- Exact Parameter Determination for Parkinson’s Disease Diagnosis with PET Using an

Algebraic Approach -- Efficient Haplotype Inference with Pseudo-boolean Optimization -- An Algebraic Algorithm for the Identification of Glass Networks with Periodic Orbits Along Cyclic Attractors -- Analyzing Pathways Using SAT-Based Approaches -- Algorithmic Algebraic Model Checking IV: Characterization of Metabolic Networks -- Cascaded Games -- On Differential Algebraic Decision Methods for the Estimation of Anaerobic Digestion Models -- Protein Structure Prediction Using Residual Dipolar Couplings -- A Stochastic Pi Calculus for Concurrent Objects -- Modeling Static Biological Compartments with Beta-binders -- Deducing Interactions in Partially Unspecified Biological Systems -- Reduction of Algebraic Parametric Systems by Rectification of Their Affine Expanded Lie Symmetries -- Prefix Reversals on Binary and Ternary Strings -- Toric Ideals of Phylogenetic Invariants for the General Group-Based Model on Claw Trees K 1,n -- Inference of Protein-Protein Interactions by Using Co-evolutionary Information -- A Short Survey of Automated Reasoning -- Inference of Complex Regulatory Network for the Cell Cycle System in Saccharomyces Cerevisiae -- Manifestation and Exploitation of Invariants in Bioinformatics.