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Nota di contenuto	Contributions to AISC 2010 -- The Challenges of Multivalued "Functions" -- The Dynamic Dictionary of Mathematical Functions -- A Revisited Perspective on Symbolic Mathematical Computing and Artificial Intelligence -- I-Terms in Ordered Resolution and Superposition Calculi: Retrieving Lost Completeness -- Structured Formal Development with Quotient Types in Isabelle/HOL -- Instantiation of SMT Problems Modulo Integers -- On Krawtchouk Transforms -- A Mathematical Model of the Competition between Acquired Immunity and Virus -- Some Notes upon "When Does $\mathbb{Z}$ Equal $\mathbb{S}$ at ?" -- How to Correctly Prune Tropical Trees -- From Matrix Interpretations over the Rationals to Matrix Interpretations over the Naturals -- Automated Reasoning and Presentation Support for Formalizing Mathematics in Mizar -- Contributions to Calculemus 2010 -- Some Considerations on the Usability of Interactive Provers -- Mechanized Mathematics -- Formal Proof of SCHUR Conjugate Function -- Symbolic Domain Decomposition -- A Formal Quantifier Elimination

for Algebraically Closed Fields -- Computing in Coq with Infinite Algebraic Data Structures -- Formally Verified Conditions for Regularity of Interval Matrices -- Reducing Expression Size Using Rule-Based Integration -- A Unified Formal Description of Arithmetic and Set Theoretical Data Types -- Contributions to MKM 2010 -- Against Rigor -- Smart Matching -- Electronic Geometry Textbook: A Geometric Textbook Knowledge Management System -- An OpenMath Content Dictionary for Tensor Concepts -- On Duplication in Mathematical Repositories -- Adapting Mathematical Domain Reasoners -- Integrating Multiple Sources to Answer Questions in Algebraic Topology -- An Integrated Development Environment for Collections -- Proofs, Proofs, Proofs, and Proofs -- Dimensions of Formality: A Case Study for MKM in Software Engineering -- Towards MKM in the Large: Modular Representation and Scalable Software Architecture -- The Formulator MathML Editor Project: User-Friendly Authoring of Content Markup Documents -- Notations Around the World: Census and Exploitation -- Evidence Algorithm and System for Automated Deduction: A Retrospective View -- On Building a Knowledge Base for Stability Theory -- Proviola: A Tool for Proof Re-animation -- A Wiki for Mizar: Motivation, Considerations, and Initial Prototype.

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