1. Record Nr.   UNISA996466138903316

   Titolo   Computer Science Logic [[electronic resource]] : 8th Workshop, CSL '94, Kazimierz, Poland, September 25 - 30, 1994. Selected Papers / / edited by Leszek Pacholski, Jerzy Tiuryn

   Pubbl/distr/stampa   Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 1995

   ISBN   3-540-49404-9

   Edizione   [1st ed. 1995.]

   Descrizione fisica   1 online resource (XI, 553 p.)

   Collana   Lecture Notes in Computer Science, , 0302-9743 ; ; 933

   Disciplina   004/.01/5113

   Soggetti   Computers
                          Programming languages (Electronic computers)
                          Mathematical logic
                          Computer logic
                          Artificial intelligence
                          Theory of Computation
                          Programming Languages, Compilers, Interpreters
                          Mathematical Logic and Foundations
                          Mathematical Logic and Formal Languages
                          Logics and Meanings of Programs
                          Artificial Intelligence

   Lingua di pubblicazione Inglese

   Formato   Materiale a stampa

   Livello bibliografico Monografia

   Note generali   Bibliographic Level Mode of Issuance: Monograph

   Nota di contenuto   Subtyping with singleton types -- A subtyping for the Fisher-Honsell-Mitchell lambda calculus of objects -- The Girard Translation extended with recursion -- Decidability of higher-order subtyping with intersection types -- A ?-calculus structure isomorphic to Gentzen-style sequent calculus structure -- Usability: formalising (un)definedness in typed lambda calculus -- Lambda representation of operations between different term algebras -- Semi-unification and generalizations of a particularly simple form -- A mixed linear and non-linear logic: Proofs, terms and models -- Cut free formalization of logic with finitely many variables. Part I. -- How to lie without being (easily) convicted and the lengths of proofs in propositional calculus --

Monadic second-order logic and linear orderings of finite structures -- First-order spectra with one binary predicate -- Monadic logical definability of NP-complete problems -- Logics for context-free languages -- Log-approximable minimization problems on random inputs -- Convergence and 0–1 laws for L ?,? k under arbitrary measures -- Is first order contained in an initial segment of PTIME? -- Logic programming in Tau Categories -- Reasoning and rewriting with set-relations I: Ground completeness -- Resolution games and non-liftable resolution orderings -- On existential theories of list concatenation -- Completeness of resolution for definite answers with case analysis -- Subrecursion as a basis for a feasible programming language -- A sound metalogical semantics for input/output effects -- An intuitionistic modal logic with applications to the formal verification of hardware -- Towards machine-checked compiler correctness for higher-order pure functional languages -- Powerdomains, powerstructures and fairness -- Canonical forms for data-specifications -- An algebraic view of structural induction -- On the interpretation of type theory in locally cartesian closed categories -- Algorithmic aspects of propositional tense logics -- Stratified default theories -- A homomorphism concept for ?-regularity -- Ramified recurrence and computational complexity II: Substitution and poly-space -- General form recursive equations I -- Modal logics preserving admissible for S4 inference rules -- A bounded set theory with Anti-Foundation Axiom and inductive definability.

| Sommario/riassunto | This volume contains revised refereed versions of the best papers presented during the CSL '94 conference, held in Kazimierz, Poland in September 1994; CSL '94 is the eighth event in the series of workshops held for the third time as the Annual Conference of the European Association for Computer Science Logic. The 38 papers presented were selected from a total of 151 submissions. All important aspects of the methods of mathematical logic in computer science are addressed: lambda calculus, proof theory, finite model theory, logic programming, semantics, category theory, and other logical systems. Together, these papers give a representative snapshot of the area of logical foundations of computer science. |

2.	Record Nr.	UNINA9910818812803321
	Titolo	Sensors, measurement, intelligent materials and technologies III : selected, peer reviewed papers from the 2014 3rd International Conference on Sensors, Measurement and Intelligent Materials (ICSMIM 2014), November 25-26, 2014, Zhuhai, China / / edited by Yun-Hae Kim and Prasad Yarlagadda
	Pubbl/distr/stampa	Pfaffikon, Switzerland : , : Trans Tech Publications Ltd, , 2015 ©2015
	ISBN	3-03826-791-0
	Descrizione fisica	1 online resource (1373 p.)
	Collana	Applied Mechanics and Materials, , 1662-7482 ; ; Volumes 738-739
	Disciplina	681.2
	Soggetti	Detectors Measurement Smart materials
	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 at the end of each chapters and indexes.
	Nota di contenuto	Sensors, Measurement, Intelligent Materials and Technologies III; Preface and Conference Organization; Table of Contents; Chapter 1: Sensors and Materials for Sensors, their Applications; Fiber Bragg Grating Hydrogen Sensor Based on Magnetron Sputtering; The Simulated Calculation of Electric Impedance Sensor; Fiber Bragg Grating Hydrogen Sensor Applied for Partial Discharge Detection in Transformer Oil; Modeling of Fiber Bragg Grating Hydrogen Sensor with Multiple Membranes; Cluster-Head Election Algorithm for Wireless Sensor Networks Based on LEACH Protocol Tapered Fiber-Optic Based Surface Plasmon Resonance Sensor Optical Temperature Sensing of Core-Shell Structured NaYF4:Yb3+, Er3+@NaYF4 Nanocrystals with Different Shell Thickness; Two-Photon Sensing of Dopamine by Using Au Nanoparticles; Present Situation and Prospect of Internal Sensors for UHF Detection in GIS; A Low-Cost MEMS Implementation Based on Sensor Fusion Algorithms; A Novel Gas Sensor for Chemicals On-Line Detection in Transportation; A Perimeter Intrusion Detection System Based on Sensor Network for Airport

Application

A QCM Immunosensor for Rapid Determination of Ractopamine in Food Based on Enzyme-AuNPs for Signal Amplification and Magnetic - Cyclodextrins for Extraction Acoustic Pressure Sensing with Hollow-Core Photonic Bandgap Fibers; An Energy-Balanced Path Plan Strategy for Mobile Sensor Networks; An Improvement Strategy for DV-Hop Localization Scheme in Wireless Sensor Networks; Application of Wireless Sensor Network in Embedded Smart Home System; Architecting Publish/Subscribe-Based Middleware for Wireless Sensor Networks; Configurable Node of Sensor Network for Smart Grid Design a Wireless Sensor Node for Rotating Machinery Condition Monitoring Development of a New Signal Processing System for Pin-Cushion Position Sensitive Detector; Finite Element Analysis on Multi Parameter Characteristics of Inductive Lubricating Oil Wear Debris Sensor; Millimeter Wave Characterization of Wire Bond Transitions for W-Band Electromagnetic Sensor; Optimizing Power Consumption for the Wireless Sensor Node; Rapid Quantitative Detection of E.coli O157: H7 by a Impedance Immunosensor Based on Four-Wire Interdigitated Microelectrodes
Reach and Application of Electronic Nose on Testing the Quality of Agriculture Products Research on Digital Substation IOT Based on SAW Sensing Technology; Research on Pronunciation Assessment Detection Method Based on 3D Modeling and Sensor Technology; Survey on Mobile Target Localization in Wireless Sensor Networks; The Electric Vehicle Drive System Considering Current Sensor Fault; Flexible and Transparent Pressure Sensor Based on Pyramidal Elastomer with High Conducting Graphene Thin Film; Chapter 2: Smart and Functional Materials and Technologies, Analysis, Design, Processing
Analysis for Smart Beam with Secondary Converse Piezoelectric Effect

Sommario/riassunto	Collection of selected, peer reviewed papers from the 2014 3 rd International Conference on Sensors, Measurement and Intelligent Materials (ICSMIM 2014), November 25-26, 2014, Zhuhai, China. The 269 papers are grouped as follows: Chapter 1: Sensors and Materials for Sensors, their Applications; Chapter 2: Smart and Functional Materials and Technologies, Analysis, Design, Processing; Chapter 3: Remote Sensing and Telemetry Technology; Chapter 4: Intelligent Information and Expert Systems, Applications for Management and Product Design; Chapter 5: Algorithms, Computation Methods and their Applic