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Titolo	8802-3:2021/Amd 4-2021 : IEEE/ISO/IEC Telecommunications and exchange between information technology systems -- Requirements for local and metropolitan area networks -- Part 3: Standard for Ethernet AMENDMENT 4: Physical layers and management parameters for 50 Gb/s,200 Gb/s, and 400 Gb/s operation over single-mode fiber / / Institute of Electrical and Electronics Engineers
Pubbl/distr/stampa	New York, NY, USA : , : IEEE, , 2021
ISBN	1-5044-8094-5
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Disciplina	004.68
Soggetti	Local area networks (Computer networks) Metropolitan area networks (Computer networks)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	This amendment to IEEE Std 802.3-2018 adds Physical Layer (PHY) specifications and management parameters for 50 Gb/s, 200 Gb/s, and 400 Gb/s operation over single-mode fiber with reaches of at least 40 km.

2. Record Nr. UNINA9910983305103321

Autore	Jansen Nils
Titolo	Principles of Verification: Cycling the Probabilistic Landscape : Essays Dedicated to Joost-Pieter Katoen on the Occasion of His 60th Birthday, Part III / / edited by Nils Jansen, Sebastian Junges, Benjamin Lucien Kaminski, Christoph Matheja, Thomas Noll, Tim Quatmann, Mariëlle Stoelinga, Matthias Volk
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Descrizione fisica	1 online resource (509 pages)
Collana	Lecture Notes in Computer Science, , 1611-3349 ; ; 15262
Altri autori (Persone)	JungesSebastian KaminskiBenjamin Lucien MathejaChristoph NollThomas QuatmannTim StoelingaMarielle VolkMatthias
Disciplina	004.0151
Soggetti	Computer science Software engineering Computer Science Logic and Foundations of Programming Theory of Computation Software Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Formal Methods and Machine Learning -- Learning Generalized Stochastic Petri Nets From Event Data -- Safe Reinforcement Learning Through Regret and State Restorations in Evaluation Stages -- A Literature Review on Verification and Abstraction of Neural Networks Within the Formal Methods Community -- Malwa: Learnability by Design -- Formal Verification Techniques for Vision-based Autonomous Systems – A Survey -- What is Formal Verification without Specifications? A Survey on Mining LTL Specifications -- Robust Markov

Decision Processes: A Place Where AI and Formal Methods Meet -- L# for DFAs -- Verification Techniques -- The Transformation Game: Joining Forces for Verification -- The Black Ninjas and the Sniper: On Robust Population Protocols .-Effective Model-Based Testing -- Compiling Binary Decision Diagrams with Interrupt-based Downsizing -- Modular criticality analysis for dynamic fault trees -- Timed Systems -- Measured Causes: Adding Time and Probability to True Concurrency. Ten Papers with Pisa and Twente -- (de-)Composed And More: Eager and Lazy Specifications (CAMELS) for Stochastic Hybrid Systems.-Avoiding Spurious Timeouts -- Urgency Annotations for Alternating Choices -- Rescuing Catastrophe Victims by Interactive Markov Chains with Clocks -- Games -- Ten Years of Petri Games -- Compositional Solution of Mean Payoff Games by String Diagrams -- Solving parity games, very slowly -- Academia Give Probabilities a Fair Chance -- Making ETAPS Gold Open Access.

Sommario/riassunto

This Festschrift is dedicated to Joost-Pieter Katoen in recognition of his outstanding research, teaching, and organizational successes. Joost-Pieter received his Master's and later his Ph.D. from the University of Twente, and his Professional Doctorate in Engineering from Eindhoven University of Technology. He had research positions at the University of Erlangen-Nuremberg and Philips Research, and visiting professorships in France, Australia, and the UK. Since 2004 he has been a professor at RWTH Aachen University and is part-time associated with the University of Twente. Joost-Pieter’s main areas of research are formal methods, computer-aided verification, concurrency theory, probabilistic computation, and semantics. Among many recognitions for this work, he is an ACM Fellow; he was elected as a member of the Academia Europaea, the Royal Holland Society of Science and Humanities, and the North Rhine-Westphalian Academy of Science, Humanities and the Arts; he received an honorary doctorate from Aalborg University. He was awarded an ERC Advanced Grant; he has won best paper, distinguished paper, or test-of-time awards at key conferences such as ETAPS, IEEE SRDS, POPL, CONCUR, and LOPSTR; and he has given keynotes at dozens of major events. He has chaired the Steering Committee of the European Joint Conferences on Theory and Practice of Software (ETAPS) and the TACAS conference; he has been Program Chair, General Chair, or Program Committee member of hundreds of major conferences and workshops, and a board member of key journals; he has served on research boards (such as the EPSRC), doctoral committees, school and university committees, and IFIP working groups; and he coauthored Principles of Model Checking, a highly influential textbook. Throughout his career Joost-Pieter has been a remarkably successful teacher and mentor, supervising students and hosting postdoctoral researchers, many of whom have won awards for their research and advanced to senior positions, and he has collaborated in research and publications with a wide range of scientists. These successes are reflected in the papers contributed to this volume.