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Autore	Arias Martinez, Manuel
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Titolo	Indigenous peoples, national parks, and protected areas : a new paradigm linking conservation, culture, and rights // edited by Stan Stevens
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ISBN	0-8165-9860-6
Descrizione fisica	1 online resource
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Disciplina	333.78/3
Soggetti	Nature - Effect of human beings on Indigenous peoples - Land tenure Indigenous peoples - Government relations Environmental protection Environmental policy Conservation of natural resources Land tenure - Government policy Natural areas - Government policy
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Nota di contenuto	Indigenous Peoples, Biocultural Diversity, and Protected Areas / Stan Stevens -- A New Protected Area Paradigm / Stan Stevens -- Community-Oriented Protected Areas for Indigenous Peoples and Local Communities (Australia) / Marcia Langton, Lisa Palmer, and Zane Ma Rhea -- A Tale of Three Parks : Tlingit Conservation, Representation, and Repatriation in Southeast Alaska's National Parks (USA) / Thomas Thornton -- National Parks in the Canadian North : Co-Management or Colonialism Revisited? (Canada) / John Sandlos -- State Governmentality/Indigenous Sovereignty in Protected Area Co-management : The Case of the Ashaninka Communal Reserve / Emily Caruso -- Green Neoliberal Space : The Mesoamerican Biological Corridor (Nicaragua) / Mary Finley-Brook -- "Bargaining with Patriarchy" : Miskito Struggles Over Family Land in the Rio Platano Biosphere Reserve (Honduras) / Sharlene Mollett -- Mutual Gains and

Distributive Ideologies in South Africa : Theorizing Negotiations Between Communities and Protected Areas (South Africa) / Derick A. Fay -- Conservation and Maya Autonomy in Guatemala's Western Highlands : The Case of Totonicapan (Guatemala) / Brian Conz -- ICCAs in the High Himalaya : Recognition and Rights in Nepal's National Parks / Stan Stevens -- Advancing the New Paradigm : Implementation, Challenges, and Potential / Stan Stevens.

Sommario/riassunto

"This passionate, well-researched book makes a compelling case for a paradigm shift in conservation practice. It explores new policies and practices, which offer alternatives to exclusionary, uninhabited national parks and wilderness areas and make possible new kinds of protected areas that recognize Indigenous peoples' rights and benefit from their knowledge and conservation contributions"--Provided by publisher"--

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Autore

Joye Marc

Titolo

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Altri autori (Persone)

LeanderGregor

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Soggetti

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Cryptology
Security Services
Mobile and Network Security
Computer Communication Networks
Computer Application in Administrative Data Processing

Lingua di pubblicazione

Inglese

Formato	Materiale a stampa
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Nota di contenuto	<p>Intro -- Preface -- Organization -- Contents - Part III -- AI and Blockchain -- Polynomial Time Cryptanalytic Extraction of Neural Network Models -- 1 Introduction -- 1.1 Our Contributions -- 1.2 Overview of Our Attack -- 2 Related Work -- 3 Preliminaries -- 3.1 Basic Definitions and Notation -- 3.2 Problem Statement and Assumptions -- 3.3 Carlini et al.'s Differential Attack -- 4 Our New Sign-Recovery Techniques -- 4.1 SOE Sign-Recovery -- 4.2 Neuron Wiggle Sign-Recovery -- 4.3 Last Hidden Layer Sign-Recovery -- 5 Practical Sign Recovery Attacks -- 5.1 Implementation Caveats -- 5.2 Unitary Balanced Neural Networks -- 5.3 CIFAR10 Neural Network -- 6 Conclusions -- A The Expected Signal-to-Noise Ratio of Neuron Wiggle in Unitary Balanced Networks -- B Detailed Results for CIFAR10 --</p> <p>References -- Ordering Transactions with Bounded Unfairness: Definitions, Complexity and Constructions -- 1 Introduction -- 1.1 Our Results -- 2 Preliminaries -- 2.1 Protocol Execution Model -- 2.2 Transaction Profiles and Dependency Graphs -- 3 Order Fairness -- 3.1 Bounded Unfairness and Serialization -- 3.2 Transaction Dependency Graphs -- 3.3 Bounded Unfairness from Directed Bandwidth -- 3.4 Fairness versus Liveness -- 3.5 Bounded Unfairness in a Permissionless Environment -- 4 Taxis Protocol -- 4.1 TaxisWL Protocol -- 4.2 Taxis Protocol -- 5 Discussion and Future Directions -- References --</p> <p>Asymptotically Optimal Message Dissemination with Applications to Blockchains -- 1 Introduction -- 1.1 Contributions -- 1.2 Technical Overview -- 1.3 Related Work -- 2 Model and Preliminaries -- 2.1 Parties, Adversary and Communication Network -- 2.2 Primitives -- 2.3 Flooding -- 2.4 Additional Notation -- 3 Per-Party Communication Lower Bound -- 4 Warm Up: Optimal Flooding with Constant Diameter and Linear Neighbors. 5 Optimal Flooding with Logarithmic Neighborhood and Diameter -- 5.1 Weak Flooding -- 5.2 Analysis of FFlood -- 5.3 Flooding Amplification -- 5.4 Communication Complexity of the Combined Protocol -- 6 Flooding in the Weighted Setting -- 7 Security in the UC Model -- 7.1 Flooding as a UC Functionality -- 7.2 Strong Flooding Implies UC Flooding -- 8 Practicality of ECflood -- 8.1 Comparison to State-of-the-Art -- References --</p> <p>Proof-of-Work-Based Consensus in Expected-Constant Time -- 1 Introduction -- 1.1 Overview of Our Results -- 1.2 Related Work -- 2 Model and Preliminaries -- 3 Chain-King Consensus -- 3.1 Parallel Chains and m1 Proofs of Work -- 3.2 From Parallel Chains to Phase Oblivious Agreement -- 3.3 From Phase Oblivious Agreement to Chain-King Consensus -- 3.4 Fast Sequential Composition -- 4 Application: Fast State Machine Replication -- 4.1 From Sequential Composition to State Machine Replication -- 4.2 Bootstrapping from the Genesis Block -- References --</p> <p>Secure and Efficient Implementation, Cryptographic Engineering, and Real-World Cryptography -- A Holistic Security Analysis of Monero Transactions -- 1 Introduction -- 1.1 Our Approach: A Modular Analysis of RingCT -- 1.2 Technical Highlights and Findings -- 1.3 Related Work -- 2 Informal Overview of Monero Transactions -- 3 Model for Private Transaction Schemes -- 3.1 Syntax -- 3.2 Security -- 4 Overview of Our Analysis -- 4.1 Security Notions for Components -- 4.2 System Level Analysis -- 4.3 Component Level Analysis -- 5 Other Models for RingCT-Like Systems -- 6 Limitations and Future Work -- References --</p> <p>Algorithms for Matrix Code and Alternating Trilinear</p>

Form Equivalences via New Isomorphism Invariants -- 1 Introduction -- 1.1 Previous Works -- 1.2 Our Contributions -- 2 Preliminaries -- 3 Finding Equivalences of Trilinear Forms via Invariants. 4 An Algorithm for Matrix Code Equivalence -- 4.1 The Main Idea -- 4.2 From a Vector to Three Vector Tuples -- 4.3 Corank-1 Invariants from Three Vector Tuples -- 4.4 Description of the Algorithm -- 4.5 Heuristic Assumptions for the Invariant -- 4.6 Experimental Results for the Algorithm -- 5 An Algorithm for Alternating Trilinear Form Equivalence -- 5.1 Beullens' Algorithms for ATFE -- 5.2 An Algorithm for ATFE Based on a New Isomorphism Invariant -- 5.3 The Isomorphism Invariant Step -- 5.4 Concrete Estimations of This Algorithm for ALTEQ Parameters -- 6 Quantum Attacks -- 6.1 Collision Detection Through Quantum Random Walks -- 6.2 Solving ATFE Through Quantum Random Walks -- 6.3 Low-Rank Birthday Attacks on ATFE via Quantum Random Walks -- 6.4 Low-Rank Birthday Attacks on MCE via Quantum Random Walks -- A Low-Rank Point Sampling via Min-Rank Step -- References -- Generalized Feistel Ciphers for Efficient Prime Field Masking -- 1 Introduction -- 2 Feistel for Prime Masking -- 2.1 High-Level Structure -- 2.2 Rounds R of FPM via Type-II Generalized Feistel -- 2.3 Function F of the Type-III Generalized Feistel -- 2.4 Summary of the FPM Design Space -- 3 High-level Rationale and Security Arguments -- 3.1 TWEAKEY Framework and LED-Like Design -- 3.2 Rationale Behind the Generalized Type-II Feistel Scheme -- 3.3 Rationale and Construction of the Function F -- 4 small-pSquare: a Hardware-oriented Instance -- 5 Mathematical Security Analysis of small-pSquare -- 5.1 Differential Cryptanalysis -- 5.2 Degree and Density of the Polynomial Representation -- 5.3 Linearization Attack -- 6 Hardware Performance Evaluation of small-pSquare -- 7 Side-Channel Security Assessment of small-pSquare -- 8 Summary and Open Problems -- References -- A Novel Framework for Explainable Leakage Assessment -- 1 Introduction. 1.1 The Challenge of Interpreting Non-specific Leakage Detection Outcomes -- 1.2 Our Contributions: An Informal Summary -- 2 Preliminaries -- 2.1 Notation -- 2.2 Statistical Hypothesis Testing -- 2.3 Side Channel Observations -- 2.4 Side Channel Attacks (evaluation Context) -- 2.5 Regression Modelling -- 3 Characterising Exploitability and Explainability in the Context of Leakage Detection -- 3.1 Defining Leakage -- 3.2 Defining Exploitable Key Leakage -- 3.3 Defining Explainable Key-Leakage Detection -- 4 Detecting Key-Dependency via Non-specific Models -- 4.1 Detecting Key Leakage -- 4.2 Concrete Parameter Selection in an Evaluation Setting -- 5 A Novel Leakage Assessment Framework -- 5.1 Detecting Exploitable Leakage -- 5.2 An Explainable Detection Method -- 5.3 A Framework for Detection -- 6 Application: A Masked 32-Bit ASCON Implementation -- 6.1 Leakage Detection, and Why to Dig Deep -- 6.2 Assessing Key Leakage: Degree Analyses -- 6.3 Fine-Grained Analysis -- 6.4 Constructing a Concrete Attack Vector -- 7 Application: An Affine Masked 32-Bit AES Implementation -- 7.1 Assessing Key Leakage Due to Parallelism -- 7.2 Assessing Key Leakage Due to Sequential Processing -- 8 Discussion -- 8.1 Applications to Other Types of Implementations -- 8.2 Importance of Explainability in Leakage Assessment -- 8.3 Complexity of Our Approach -- 8.4 Extension to Other Model Building Methods and Inherently Multivariate Methods -- 8.5 Optimal vs. Confirmatory Attack Vectors -- References -- Integrating Causality in Messaging Channels -- 1 Introduction -- 1.1 Causality in Cryptographic Channels -- 1.2 Our Contributions -- 1.3 Further Related Work -- 2 Causality Graphs -- 3 Preliminaries -- 4 Bidirectional Channels and Causality Preservation -- 4.1 Bidirectional Channels -- 4.2 Local Graph and Its

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5.1 The Signal Channel and Its Insecurity -- 5.2 Integrating Causality in

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TMHF -- 1.4 Contributions and Technical Overview -- 1.5 Open

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Trapdoor Memory-Hard Functions -- 3.2 Description of TDScrypt -- 4

Overview of the Lower Bound Proof -- 5 Single-Challenge Time-

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-- 5.2 Proof Skeleton -- 5.3 Analyzing the Behavior of $A_x = b$.

5.4 Combinatorial Proof of the $\text{rank}(A)$ Lower Bound.

Sommario/riassunto

The 7-volume set LNCS 14651 - 14657 conference volume constitutes the proceedings of the 43rd Annual International Conference on the Theory and Applications of Cryptographic Techniques, EUROCRYPT 2024, held in Zurich, Switzerland, in May 2024. The 105 papers included in these proceedings were carefully reviewed and selected from 500 submissions. They were organized in topical sections as follows: Part I: Awarded papers; symmetric cryptology; public key primitives with advanced functionalities; Part II: Public key primitives with advances functionalities; Part III: AI and blockchain; secure and efficient implementation, cryptographic engineering, and real-world cryptography; theoretical foundations; Part IV: Theoretical foundations; Part V: Multi-party computation and zero-knowledge; Part VI: Multi-party computation and zero-knowledge; classic public key cryptography, Part VII: Classic public key cryptography.
