Explicit Two Source Extractors And Resilient Functions

Open Directions 9dd9498067 Circumventing the Impossibility Result (2) 9dd9498067 A Preliminary Attempt 9dd9498067 Privacy Amplification with nmExt 9dd9498067 Random Sampling 9dd9498067 Message Authentication Code(MAC) 9dd9498067 Summary 9dd9498067 Applications of Extractors 9dd9498067 Min-Entropy 9dd9498067 Majority works better... 9dd9498067 An Efficient Reduction from Non-Malleable Extractors to Two-Source Extractors, and... - An Efficient Reduction from Non-Malleable Extractors to Two-Source Extractors, and... 45 minutes - Amnon Ta-Shma, Tel Aviv University https://simons.berkeley.edu/talks/amnon-ta-shma-01-30-2017 Expanders and **Extractors**,. 9dd9498067 David Zuckerman @ Theory Lunch - David Zuckerman @ Theory Lunch 45 minutes - Title: Simple Optimal Hitting Sets for Small-Success RL Abstract: We give a simple **explicit**, hitting set generator for read-once ... 9dd9498067 Leakage Resilience 9dd9498067 Compress using Second Source 9dd9498067 One Source Extractor ? 9dd9498067 Intro 9dd9498067 Playback 9dd9498067 Spherical Videos 9dd9498067 General Weak Sources 9dd9498067 The Symmetric Setting 9dd9498067 Symmetric-Key Setting 9dd9498067 Sampled Bits 9dd9498067 CZ framework 9dd9498067 Two-Source Extractors 9dd9498067 Modelling Weak Sources 9dd9498067 Explicit Two-Source Extractors and Resilient Functions - Explicit Two-Source Extractors and Resilient Functions 45 minutes - David Zuckerman, University of Texas, Austin Connections Between Algorithm Design and Complexity Theory ... 9dd9498067 Randomness in Cryptography 9dd9498067 Two-source dispersers for polylogarithmic entropy and improved Ramsey graphs II - Cohen - Two-source dispersers for polylogarithmic entropy and improved Ramsey graphs II - Cohen 1 hour, 49 minutes - https://www.math.ias.edu/seminars/abstract?event=83664. 9dd9498067 Explicit resilient functions 9dd9498067 A Pseudorandom Collection of Partitions 9dd9498067 English Podcast Start 9dd9498067 Search filters 9dd9498067 Intro 9dd9498067 Entropy Collectors 9dd9498067 Collective Coin-Flipping 9dd9498067 Min-Entropy 9dd9498067 Communication Complexity 9dd9498067 Randomness Extractor 9dd9498067 One Source Extractor? 9dd9498067 Small-Space Extractors 9dd9498067 Influence of Sets 9dd9498067 How to generate random bits? 9dd9498067 A Second Attempt 9dd9498067 Graph View 9dd9498067 Gil Cohen \"Recent Advances in Randomness Extractors and their Applications\" - Gil Cohen \"Recent Advances in Randomness Extractors and their Applications\" 54 minutes - We survey recent developments in randomness **extractors**, and their applications to classical problems such as Ramsey graphs ... 9dd9498067 CSDM - Eshan Chattopadhyay - Septemeber 21, 2015 - CSDM - Eshan Chattopadhyay - Septemeber 21, 2015 1 hour, 2 minutes - http://www.math.ias.edu/calendar/event/83474/1442848500/1442852100. 9dd9498067 Two-source dispersers for polylogarithmic entropy and improved Ramsey graphs I - Cohen - Two-source dispersers for polylogarithmic entropy and improved Ramsey graphs I - Cohen 1 hour - https://www.math.ias.edu/seminars/abstract?event=83664. 9dd9498067 Random functions are good 2-Source Extractors! 9dd9498067 Lower Bound on t(ne) 9dd9498067 Our Results 9dd9498067 Matrix View 9dd9498067 Equivalently,... 9dd9498067 Modelling a Weak Random Sources 9dd9498067 TCS+ talk: David Zuckerman - TCS+ talk: David Zuckerman 1 hour, 1 minute - Explicit Two,-**Source Extractors and Resilient Functions**,. 9dd9498067 Intro 9dd9498067 Sumset Source? 9dd9498067 Towards optimal Ramsey graphs and randomness extractors - Eshan Chattopadhyay - Towards optimal Ramsey graphs and randomness extractors - Eshan Chattopadhyay 21 minutes - Short talks by postdoctoral members Topic: Towards optimal Ramsey graphs and randomness **extractors**, Speaker: Eshan ... 9dd9498067 Randomness in Cryptography 9dd9498067 Open Problems 9dd9498067 Interleaved-Source Extractors 9dd9498067 Graph View 9dd9498067 Randomness in Computation 9dd9498067 Randomness in CS 9dd9498067 A First Attempt 9dd9498067 Intro 9dd9498067 Randomness Extractor 9dd9498067 STOC 2022 - Extractors for Sum of Two Sources - STOC 2022 - Extractors for Sum of Two Sources 24 minutes - Eshan Chattopadhyay (Cornell University) and Jyun-Jie Liao (Cornell University) 9dd9498067 Keyboard shortcuts 9dd9498067 Privacy Amplification Definition 9dd9498067 General Coin-Flipping Games 9dd9498067 Proof Outline 9dd9498067 Leakage-Resilient Key Exchange and Two-Seed Extractors - Leakage-Resilient Key Exchange and Two-Seed Extractors 26 minutes - Paper by Xin Li, Fermi Ma, Willy Quach, Daniel Wichs presented at Crypto 2020 See ... 9dd9498067 A Black-Box Impossibility Result 9dd9498067 Subtitles and closed captions 9dd9498067 NOBF Sources 9dd9498067 Sumset Extractors 9dd9498067 Explicit Non-Malleable Extractors,Multi-Source Extractors and almost Optimal Privacy Amplification - Explicit Non-Malleable Extractors,Multi-Source Extractors and almost Optimal Privacy Amplification 20 minutes 9dd9498067 Our Contributions (2) 9dd9498067 Recent Progress 9dd9498067 Prior Works 9dd9498067 Applications of Extractors 9dd9498067 Explicit two-source extractors and resilient functions (Chattopadhyay \u0026 Zuckerman 2019) - Explicit two-source extractors and resilient functions (Chattopadhyay \u0026 Zuckerman 2019) 35 minutes - English Podcast Start at 00:00:00 Bengali Podcast Start at 00:22:35 Hindi Podcast Start at 00:29:08 □□ Welcome to another ... 9dd9498067 Intro 9dd9498067 Simple Observation Ext 9dd9498067 Explicit t-NM Extractors 9dd9498067 Bengali Podcast Start 9dd9498067 Limits on resilience 9dd9498067 Random Functions 9dd9498067 Gil Cohen - Recent Advances in Non-malleable Extractors and Privacy Amplification Protocols - Gil Cohen - Recent Advances in Non-malleable Extractors and Privacy Amplification Protocols 18 minutes - Gil Cohen of Caltech presents his talk \"Recent Advances in Non-malleable **Extractors**, and Privacy Amplification Protocols\" at the ... 9dd9498067 General 9dd9498067 Xin Li - Almost Optimal Non-malleable Extractors and Privacy Amplification Protocols - Xin Li - Almost Optimal Non-malleable Extractors and Privacy Amplification Protocols 19 minutes - Xin Li of Johns Hopkins University presents his talk \"Almost Optimal Non-malleable **Extractors**, and Privacy Amplification ... 9dd9498067 Resilient Functions \u0026 Collective Coin-Flipping 9dd9498067 Small-Space Sources KRVZ 06 Space-s Source: sampled with s-bit memory 9dd9498067 Privacy Amplification Bennett, Brassard, Robert 1985 9dd9498067 Building Two-Seed Extractors (2) 9dd9498067 Non-malleable extractors for constant depth circuits, and affine functions - Eshan Chattopadhyay - Non-malleable extractors for constant depth circuits, and affine functions - Eshan Chattopadhyay 2 hours, 1 minute - Computer Science/Discrete Mathematics Seminar II Topic: Non-malleable **extractors**, for constant depth circuits, and affine ... 9dd9498067 Key Exchange 9dd9498067 The t 1 Case 9dd9498067 Use the Second Source 9dd9498067 Improved Two-Source Extractors, and Affine Extractors for Polylogarithmic Entropy - Improved Two-Source Extractors, and Affine Extractors for Polylogarithmic Entropy 20 minutes 9dd9498067 Proof of Black-Box Impossibility (1) 9dd9498067 (Single-Stage) Cryptographic Games 9dd9498067 Entropy Pools in Nature 9dd9498067 Randomness Extractor 9dd9498067 An Application: Explicit Ramsey graphs 9dd9498067 Outline 9dd9498067 Hindi Podcast Start 9dd9498067 A bit more about the construction in 9dd9498067 An Adversarial Model 9dd9498067 Explicit Ramsey Graphs: 70 years of history! 9dd9498067 Resilient functions - Eshan Chattopadhyay - Resilient functions - Eshan Chattopadhyay 16 minutes - Topic: **Resilient functions**, Speaker: Eshan Chattopadhyay, Member, School of Mathematics Time/Room: 4:15pm - 4:30pm/S-101 ... 9dd9498067 Deterministic Extractors 9dd9498067 Obtaining 2-Source Extractors for entropy Odlog n 9dd9498067 Known Explicit Constructions 9dd9498067 Explicit Constructions of Two-Source

Extractors and Ramsey Graphs - Explicit Constructions of Two-Source Extractors and Ramsey Graphs 42 minutes - Eshan Chattopadhyay, Institute for Advanced Study https://simons.berkeley.edu/talks/eshan-chattopadhyay-01-30-2017 ... 9dd9498067 t-Non-Malleable Extractors 9dd9498067 Modification 9dd9498067 (Strong) Two-Seed Extractors 9dd9498067 Randomized Algorithms 9dd9498067 Matrix View 9dd9498067 Sampling with Sumset Source 9dd9498067 Recall Extractors are Samplers 9dd9498067