

Explicit Two Source Extractors And Resilient Functions

A Pseudorandom Collection of Partitions e8a17c37a1 Sumset Extractors e8a17c37a1 Two-Source Extractors e8a17c37a1 Lower Bound on $t(n)$ e8a17c37a1 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>. e8a17c37a1 How to generate random bits? e8a17c37a1 A Black-Box Impossibility Result e8a17c37a1 General Coin-Flipping Games e8a17c37a1 Summary e8a17c37a1 Open Directions e8a17c37a1 Collective Coin-Flipping e8a17c37a1 Intro e8a17c37a1 Randomized Algorithms e8a17c37a1 Random functions are good 2-Source Extractors! e8a17c37a1 One Source Extractor? e8a17c37a1 Random Sampling e8a17c37a1 Interleaved-

Source Extractors e8a17c37a1 Randomness in Cryptography e8a17c37a1 General e8a17c37a1 Explicit two-source extractors and resilient functions (Chattopadhyay \u0026amp; Zuckerman 2019) - Explicit two-source extractors and resilient functions (Chattopadhyay \u0026amp; 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 ... e8a17c37a1 An Application: Explicit Ramsey graphs e8a17c37a1 Entropy Pools in Nature e8a17c37a1 Sampled Bits e8a17c37a1 Compress using Second Source e8a17c37a1 Bengali Podcast Start e8a17c37a1 Privacy Amplification with nmExt e8a17c37a1 Random Functions e8a17c37a1 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 ... e8a17c37a1 Explicit Ramsey Graphs: 70 years of history! e8a17c37a1 Limits on resilience e8a17c37a1 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) e8a17c37a1 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 ... One Source Extractor ? Obtaining 2-Source Extractors for entropy $\Omega(\log n)$ Keyboard shortcuts Min-Entropy Recall Extractors are Samplers Improved Two-Source Extractors, and Affine Extractors for Polylogarithmic Entropy - Improved Two-Source Extractors, and Affine Extractors for Polylogarithmic Entropy 20 minutes An Adversarial Model Spherical Videos Randomness Extractor Matrix View Communication Complexity Our Results Prior Works Randomness Extractor 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 ... Recent Progress Proof of Black-Box Impossibility (1) Influence of Sets Privacy Amplification Bennett, Brassard, Robert 1985 Modelling a Weak Random Sources Open Problems Applications of Extractors A Preliminary

Attempt e8a17c37a1 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 ... e8a17c37a1 Entropy Collectors e8a17c37a1 Randomness Extractor e8a17c37a1 Proof Outline e8a17c37a1 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 ... e8a17c37a1 Simple Observation Ext e8a17c37a1 Modification e8a17c37a1 Building Two-Seed Extractors (2) e8a17c37a1 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 ... e8a17c37a1 Our Contributions (2) e8a17c37a1 (Strong) Two-Seed Extractors e8a17c37a1 Modelling Weak Sources e8a17c37a1 t-Non-Malleable Extractors e8a17c37a1 Randomness in CS e8a17c37a1 Majority works better... e8a17c37a1 Symmetric-Key Setting e8a17c37a1 Outline e8a17c37a1 A Second Attempt e8a17c37a1 Leakage Resilience e8a17c37a1 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,. e8a17c37a1 Resilient Functions \u0026amp; Collective Coin-Flipping

e8a17c37a1 Intro e8a17c37a1 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> ... e8a17c37a1

The t 1 Case e8a17c37a1 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 e8a17c37a1

Subtitles and closed captions e8a17c37a1 Graph View e8a17c37a1 Circumventing

the Impossibility Result (2) e8a17c37a1 CZ framework e8a17c37a1 Message

Authentication Code(MAC) e8a17c37a1 Intro e8a17c37a1 Sumset Source?

e8a17c37a1 A First Attempt e8a17c37a1 Small-Space Extractors e8a17c37a1 Min-

Entropy e8a17c37a1 Equivalently,... e8a17c37a1 Graph View e8a17c37a1 A bit more

about the construction in e8a17c37a1 Matrix View e8a17c37a1 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 ...
e8a17c37a1 Search filters e8a17c37a1 Explicit t-NM Extractors e8a17c37a1 Key Exchange e8a17c37a1 Applications of Extractors e8a17c37a1 Explicit resilient functions e8a17c37a1 Randomness in Computation e8a17c37a1 Use the Second Source e8a17c37a1 NOBF Sources e8a17c37a1 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>.
e8a17c37a1 Randomness in Cryptography e8a17c37a1 Sampling with Sumset Source e8a17c37a1 Intro e8a17c37a1 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 ... e8a17c37a1 TCS+ talk: David Zuckerman - TCS+ talk: David Zuckerman 1 hour, 1 minute - Explicit Two-,**Source Extractors and Resilient Functions**,. e8a17c37a1 The Symmetric Setting e8a17c37a1 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 ... Known Explicit
Constructions 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>.
Deterministic Extractors Playback Hindi Podcast Start
Intro Privacy Amplification Definition (Single-
Stage) Cryptographic Games Small-Space Sources KRVZ 06 Space-s
Source: sampled with s-bit memory General Weak Sources
English Podcast Start

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