

Computer Science/Discrete Mathematics Seminar I

Submitted by admin on Thu, 02/21/2013 - 12:01

Polar Codes and Randomness Extraction for Structured Sources

Series: Computer Science/Discrete Mathematics

Emmanuel Abbe

Princeton University

Date & Time: Mon, 02/25/2013 - 11:15 - 12:15

Location: S-101

Video Link:

<http://video.ias.edu/csdm/1213/0225-EmmanuelAbbe>

Polar codes have recently emerged as a new class of low-complexity codes achieving Shannon capacity. This talk introduces polar codes with emphasis on the probabilistic phenomenon underlying the code construction. New results and connections to randomness extraction for structured sources are discussed.

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Tue, 01/22/2013 - 16:13

Thu, 02/21/2013 - 15:12

terms:

- [CSDM Seminars](#)