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TITLE

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Scribe Notes



Lecture 25: proof of hypercontractivity___
Induction lemma proved correctly

reading

Wed May 17 2017



Lecture 25___
Hypercontractivity and Noise Stability

reading

Tue May 23 2017



Lecture 24___
KKL Theorem

reading

Tue May 23 2017



Lecture 23___
Boolean analysis I: Influences and isoperimetry

reading

Sat May 13 2017



Lecture 22___
Spatial and Temporal Mixing Equivalence + Correlation Inequalities

reading

Sat May 13 2017



Lecture 21___
The 2D Ising Model

reading

Sun May 07 2017



Lecture 20___
Glauber dynamics on the Ising model in 2-d

reading

Mon May 01 2017



Lecture 19___
The Curie-Weiss model

reading

Mon May 01 2017



Lecture 18___
Hardcore model

reading

















Mon May 01 2017











Lecture 17___
Counting

reading

Mon May 01 2017

<input type="checkbox"/>	TITLE	TAG	MODIFIED
<input type="checkbox"/>	 Lecture 16__ <i>Markov Chains: Comparison</i>	reading	Sun Apr 23 2017
<input type="checkbox"/>	 Lecture 15__ <i>Markov Chains: Dirichlet form and monotone chains</i>	reading	Sun Apr 23 2017
<input type="checkbox"/>	 Lecture 14__ <i>Markov Chains: Eigenvalue analysis</i>	reading	Mon Apr 10 2017
<input type="checkbox"/>	 Lecture 13__ <i>Markov Chains: Path Coupling</i>	reading	Mon Apr 10 2017
<input type="checkbox"/>	 Lecture 12__ <i>Markov Chains: Sampling and Mixing II</i>	reading	Mon Apr 03 2017
<input type="checkbox"/>	 Lecture 11__ <i>Markov Chains: Sampling and Mixing</i>	reading	Mon Apr 03 2017
<input type="checkbox"/>	 Lecture 10__ <i>Markov chains I: definitions</i>	lecture note	Fri Mar 24 2017
<input type="checkbox"/>	 Lecture 9__ <i>Concentration of Measure III</i>	lecture note	Fri Mar 24 2017
<input type="checkbox"/>	 Lecture 8__ <i>Concentration of Measure II.</i>	lecture note	Fri Mar 24 2017
<input type="checkbox"/>	 Lecture 7__ <i>Concentration of Measure I</i>	lecture note	Thu Mar 09 2017
<input type="checkbox"/>	 Lecture 6__ <i>Coupling, TV, and the giant component</i>	lecture note	Thu Mar 09 2017
<input type="checkbox"/>	 Lecture 5__ <i>Branching Processes</i>	lecture note	Tue Feb 28 2017
<input type="checkbox"/>	 Lecture 4__ <i>Optional Stopping Theorems</i>	lecture note	Sun Feb 26 2017
<input type="checkbox"/>	 Lecture 3__ <i>Martingales and Martingale Convergence Theorem</i>	lecture note	Sun Feb 26 2017
<input type="checkbox"/>	 Lecture 2__ <i>Broadcasting on Trees</i>	lecture note	Sun Feb 26 2017
<input type="checkbox"/>	 Lecture 1__ <i>1st and 2nd Moment Method</i>	lecture note	Sun Feb 26 2017

<input type="checkbox"/>	TITLE	TAG	MODIFIED
<input type="checkbox"/>	 Scribe Latex Template__	other	Tue Feb 28 2017
<div>  General  </div>			
<input type="checkbox"/>	 Statistics for the Final__	reading	Fri May 26 2017
<input type="checkbox"/>	 A note on Glauber dynamics for sampling independent sets__ <i>by Eric Vigoda</i>	reading	Mon May 01 2017
<input type="checkbox"/>	 Lecture 9 supplement: Talagrand's convex distance inequality__	reading	Wed Mar 15 2017
<input type="checkbox"/>	 Notation cheat sheet__ <i>This document will be updated periodically, please check for new versions.</i>	reading	Thu Mar 09 2017
<input type="checkbox"/>	 Syllabus__	reading	Wed Feb 08 2017