



Mathematics and Applications of Compressed Sensing

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CCNS Summer School, SAMSI, RTP, NC
July 27, 2015

Agenda

Monday:

- Basics of sparse representations
- Sparse embeddings using random matrices
- Solving underdetermined systems using ℓ_1 minimization
- Compressed sensing applications
- Dynamic (streaming) recovery

Tuesday:

- Low rank recovery in machine learning and signal processing
- Solving quadratic and bilinear problems