

Student No.	Title	Year
0060274	The Capacity of Wireless Network	2000
0160201	MIMO Gaussian Channels With Arbitrary Inputs: Optimal Precoding and Power Allocation	2010
0160233	Performance Analysis of Likelihood-Based Multiple Access for Detection Over Fading Channels	2013
0160267	Interpretations of Directed Information in Portfolio Theory, Data Compression, and Hypothesis Testing	2011
0160273	On the Capacity Achieving Covariance Matrix for Rician MIMO Channels: An Asymptotic Approach	2010
0160823	On the Converse to the Coding Theorem for Discrete Memoryless Channels	1973
0260202	On Channels With Partial Channel State Information at the Transmitter	2005
0260205	Characterization of SINR Region for Interfering Links With Constrained Power	2010
0260208	Guesswork, Large Deviations, and Shannon Entropy	2013
0260210	Optimization of Training and Feedback Overhead for Beamforming Over Block Fading Channels	2010
0260215	New Bounds on the Capacity of Certain Infinite-Dimensional Additive Non-Gaussian Channels	2005
0260218	The Minimum Entropy Mapping Spectrum of a DNA Sequence	2010
0260224	Diversity and Multiplexing: A Fundamental Tradeoff in Multiple-Antenna Channels	2003
0260227	Sinkhorn Solves Sudoku	2009
0260234	Achievable Rates in Cognitive Radio Channel	2003
0260235	Robust 1-Bit Compressive Sensing via Binary Stable Embeddings of Sparse Vectors	2013
0260239	Bounds on Information Combining	2005
0260245	Entropy Message Passing	2010
0260248	Space-Time Codes for High Data Rate Wireless Communication: Performance Criterion and Code Construction	1998
0260250	Diversity-Multiplexing Tradeoff in Multiple-Access Channels	2004
0260251	Average Redundancy of the Shannon Code for Markov Sources	2013
0260254	Capacity of fading channels with channel side information	1997
0260256	Maximum Distance Separable Codes for Symbol-Pair Read Channels	2013
0260259	Dirty-paper coding versus TDMA for MIMO Broadcast channels	2005
0260264	Entropy of the Mixture of Sources and Entropy Dimension	2012
0260267	Channel Simulation With Quantum Side Information	2009
102061614	Quantum Network Coding - How can network coding be applied to quantum information	2013
9712502	Robust Precoder Adaption for MIMO Links with Noisy Limited Feedback	2009
9923012	Information Theory and Neural Information Processing	2010