# Chandra Nair

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| | |
|---|---|
| | **2012** |
| 35 | Yanlin Geng, Chandra Nair: The capacity region of the two-receiver vector Gaussian broadcast channel with private and common messages CoRR abs/1202.0097: (2012) |
| 34 | Amin Aminzadeh Gohari, Chandra Nair, Venkat Anantharam: On Marton's inner bound for broadcast channels CoRR abs/1202.0898: (2012) |
| | **2011** |
| 33 | Yanlin Geng, Amin Aminzadeh Gohari, Chandra Nair, Yuanming Yu: The capacity region for two classes of product broadcast channels. ISIT 2011: 1544-1548 |
| 32 | Chandra Nair: A note on outer bounds for broadcast channel CoRR abs/1101.0640: (2011) |
| 31 | Yanlin Geng, Amin Aminzadeh Gohari, Chandra Nair, Yuanming Yu: The capacity region of classes of product broadcast channels CoRR abs/1105.5438: (2011) |
| 30 | Chandra Nair, Zizhou Vincent Wang: The Capacity Region of the Three Receiver Less Noisy Broadcast Channel. IEEE Transactions on Information Theory 57(7): 4058-4062 (2011) |
| | **2010** |
| 29 | Yanlin Geng, Chandra Nair, Shlomo |

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| | | Shamai, Zizhou Vincent Wang: On broadcast channels with binary inputs and symmetric outputs. ISIT 2010: 545-549 |
| 28 | | Chandra Nair, Zizhou Vincent Wang, Yanlin Geng: An information inequality and evaluation of Marton's inner bound for binary input broadcast channels. ISIT 2010: 550-554 |
| 27 | | Zizhou Vincent Wang, Chandra Nair: The capacity region of a class of broadcast channels with a sequence of less noisy receivers. ISIT 2010: 595-598 |
| 26 | | Chandra Nair, Zizhou Vincent Wang, Yanlin Geng: An information inequality and evaluation of Marton's inner bound for binary input broadcast channels CoRR abs/1001.1468: (2010) |
| 25 | | Chandra Nair, Zizhou Vincent Wang: The capacity region of a class of broadcast channels with a sequence of less noisy receivers CoRR abs/1001.1799: (2010) |
| 24 | | Yanlin Geng, Chandra Nair, Shlomo Shamai, Zizhou Vincent Wang: On broadcast channels with binary inputs and symmetric outputs CoRR abs/1001.2062: (2010) |
| 23 | | Chandra Nair, Abbas El Gamal, Yeow-Khiang Chia: An Achievability Scheme for the Compound Channel with State Noncausally Available at the Encoder CoRR abs/1004.3427: (2010) |
| 22 | | Chandra Nair: Capacity regions of two new classes of two-receiver broadcast channels. IEEE Transactions on Information Theory 56(9): 4207-4214 (2010) |
| | **2009** | |
| 21 | | Chandra Nair: Capacity regions of two new classes of 2-receiver broadcast channels. ISIT 2009: 1839-1843 |
| 20 | | Chandra Nair, Zizhou Vincent Wang: On 3-receiver broadcast channels with 2-degraded message sets. ISIT 2009: 1844- |

| | | |
|---|---|---|
| | | 1848 |
| 19 | | Gerhard Kramer, Chandra Nair: Comments on "broadcast channels with arbitrarily correlated sources". ISIT 2009: 2777-2779 |
| 18 | | Gerhard Kramer, Chandra Nair: Comments on "Broadcast Channels with Arbitrarily Correlated Sources" CoRR abs/0901.0220: (2009) |
| 17 | | Chandra Nair: Capacity regions of two new classes of 2-receiver broadcast channels CoRR abs/0901.0595: (2009) |
| 16 | | Chandra Nair: An inequality for the binary skew-symmetric broadcast channel and its implications CoRR abs/0901.1492: (2009) |
| 15 | | Chandra Nair, Abbas El Gamal: The capacity region of a class of three-receiver broadcast channels with degraded message sets. IEEE Transactions on Information Theory 55(10): 4479-4493 (2009) |
| 14 | | Christian Borgs, Jennifer T. Chayes, Stephan Mertens, Chandra Nair: Proof of the local REM conjecture for number partitioning. I: Constant energy scales. Random Struct. Algorithms 34(2): 217-240 (2009) |
| 13 | | Christian Borgs, Jennifer T. Chayes, Stephan Mertens, Chandra Nair: Proof of the local REM conjecture for number partitioning. II. Growing energy scales. Random Struct. Algorithms 34(2): 241-284 (2009) |
| | **2008** | |
| 12 | | Chandra Nair, Abbas El Gamal: The capacity region of a class of 3-receiver broadcast channels with degraded message sets. ISIT 2008: 1706-1710 |
| 11 | | Chandra Nair, Zizhou Vincent Wang: On the inner and outer bounds for 2-receiver discrete memoryless broadcast channels CoRR abs/0804.3825: (2008) |
| 10 | | Chandra Nair, Zizhou Vincent Wang: On the inner and outer bounds of 3-receiver |

| | | |
|---|---|---|
| | | broadcast channels with 2-degraded message sets CoRR abs/0806.4415: (2008) |
| 9 | | Chandra Nair: An outer bound for 2-receiver discrete memoryless broadcast channels CoRR abs/0807.3593: (2008) |
| | **2007** | |
| 8 | | Mohsen Bayati, David Gamarnik, Dimitriy A. Katz, Chandra Nair, Prasad Tetali: Simple deterministic approximation algorithms for counting matchings. STOC 2007: 122-127 |
| 7 | | Chandra Nair, Abbas El Gamal: The capacity of a class of 3-receiver broadcast channels with degraded message sets CoRR abs/0712.3327: (2007) |
| 6 | | Chandra Nair, Abbas El Gamal: An Outer Bound to the Capacity Region ofthe Broadcast Channel. IEEE Transactions on Information Theory 53(1): 350-355 (2007) |
| | **2006** | |
| 5 | | Mohsen Bayati, Chandra Nair: A rigorous proof of the cavity method for counting matchings CoRR abs/cond-mat/0607290: (2006) |
| 4 | | Chandra Nair, Abbas El Gamal: An outer bound to the capacity region of the broadcast channel CoRR abs/cs/0605105: (2006) |
| 3 | | Chandra Nair, Balaji Prabhakar, Devavrat Shah: On entropy for mixtures of discrete and continuous variables CoRR abs/cs/0607075: (2006) |
| | **2003** | |
| 2 | | Chandra Nair, Balaji Prabhakar, Mayank Sharma: Proofs of the Parisi and Coppersmith-Sorkin Conjectures for the Finite Random Assignment Problem. FOCS 2003: 168-178 |
| | **2002** | |
| 1 | | Chandra Nair, Abbas El Gamal, Balaji Prabhakar, Elif Uysal-Biyikoglu, Sina Zahedi: Energy-efficient Scheduling of |

| | | |
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| | | Packet Transmissions over Wireless Networks. INFOCOM 2002 |

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