References

[1] F. Afrati, E. Bampis, C. Kenyon, and I. Milis. Scheduling on a constant number of machines. In Dorit Hochbaum, Klaus Jansen, José D.P. Rolim, and Alistair Sinclair, editors, *Proceedings of the 3rd International Workshop on Randomization and Approximation Techniques in Computer Science and Second International Workshop on Approximation Algorithms for Combinatorial Optimization Problems, RANDOM-APPROX'99, (Berkeley, CA, August 8-11, 1999)*, volume 1671 of *LNCS*, pages 281–287. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[2] Susanne Albers and Günter Schmidt. Scheduling with unexpected machine breakdowns. In Dorit Hochbaum, Klaus Jansen, José D.P. Rolim, and Alistair Sinclair, editors, *Proceedings of the 3rd International Workshop on Randomization and Approximation Techniques in Computer Science and Second International Workshop on Approximation Algorithms for Combinatorial Optimization Problems, RANDOM-APPROX'99, (Berkeley, CA, August 8-11, 1999)*, volume 1671 of *LNCS*, pages 269–280. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[3] Noga Alon, Uri Arad, and Yossi Azar. Independent sets in hypergraphs with applications to routing via fixed paths. In Dorit Hochbaum, Klaus Jansen, José D.P. Rolim, and Alistair Sinclair, editors, *Proceedings of the 3rd International Workshop on Randomization and Approximation Techniques in Computer Science and Second International Workshop on Approximation Algorithms for Combinatorial Optimization Problems, RANDOM-APPROX'99, (Berkeley, CA, August 8-11, 1999)*, volume 1671 of *LNCS*, pages 16–27. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[4] Yonatan Aumann, Johan Håstad, Michael O. Rabin, and Madhu Sudan. Linear consistency testing. In Dorit Hochbaum, Klaus Jansen, José D.P. Rolim, and Alistair Sinclair, editors, *Proceedings of the 3rd International Workshop on Randomization and Approximation Techniques in Computer Science and Second International Workshop on Approximation Algorithms for Combinatorial Optimization Problems, RANDOM-*

APPROX'99, (Berkeley, CA, August 8-11, 1999), volume 1671 of *LNCS*, pages 109–120. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[5] Andreas Baltz, Tomasz Schoen, and Anand Srivastav. Probabilistic construction of small strongly sum-free sets via large sidon sets. In Dorit Hochbaum, Klaus Jansen, José D.P. Rolim, and Alistair Sinclair, editors, *Proceedings of the 3rd International Workshop on Randomization and Approximation Techniques in Computer Science and Second International Workshop on Approximation Algorithms for Combinatorial Optimization Problems, RANDOM-APPROX'99, (Berkeley, CA, August 8-11, 1999)*, volume 1671 of *LNCS*, pages 138–143. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[6] Tuğkan Batu, Ronitt Rubinfeld, and Patrick White. Fast approximate pcps for multidimensional bin-packing problems. In Dorit Hochbaum, Klaus Jansen, José D.P. Rolim, and Alistair Sinclair, editors, *Proceedings of the 3rd International Workshop on Randomization and Approximation Techniques in Computer Science and Second International Workshop on Approximation Algorithms for Combinatorial Optimization Problems, RANDOM-APPROX'99, (Berkeley, CA, August 8-11, 1999)*, volume 1671 of *LNCS*, pages 245–256. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[7] Andrei Z. Broder and Michael Mitzenmacher. Completeness and robustness properties of min-wise independent permutations. In Dorit Hochbaum, Klaus Jansen, José D.P. Rolim, and Alistair Sinclair, editors, *Proceedings of the 3rd International Workshop on Randomization and Approximation Techniques in Computer Science and Second International Workshop on Approximation Algorithms for Combinatorial Optimization Problems, RANDOM-APPROX'99, (Berkeley, CA, August 8-11, 1999)*, volume 1671 of *LNCS*, pages 1–10. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[8] Christine T. Cheng. A new approximation algorithm for the demand routing and slotting problem with unit demands on rings. In Dorit

Hochbaum, Klaus Jansen, José D.P. Rolim, and Alistair Sinclair, editors, *Proceedings of the 3rd International Workshop on Randomization and Approximation Techniques in Computer Science and Second International Workshop on Approximation Algorithms for Combinatorial Optimization Problems, RANDOM-APPROX'99, (Berkeley, CA, August 8-11, 1999)*, volume 1671 of *LNCS*, pages 209–220. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[9] Andrea E.F. Clementi, Paolo Penna, and Riccardo Silvestri. Hardness results for the power range assignment problem in packet radio networks. In Dorit Hochbaum, Klaus Jansen, José D.P. Rolim, and Alistair Sinclair, editors, *Proceedings of the 3rd International Workshop on Randomization and Approximation Techniques in Computer Science and Second International Workshop on Approximation Algorithms for Combinatorial Optimization Problems, RANDOM-APPROX'99, (Berkeley, CA, August 8-11, 1999)*, volume 1671 of *LNCS*, pages 197–208. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[10] Anne Condon and Richard M. Karp. Algorithms for graph partitioning on the planted partition model. In Dorit Hochbaum, Klaus Jansen, José D.P. Rolim, and Alistair Sinclair, editors, *Proceedings of the 3rd International Workshop on Randomization and Approximation Techniques in Computer Science and Second International Workshop on Approximation Algorithms for Combinatorial Optimization Problems, RANDOM-APPROX'99, (Berkeley, CA, August 8-11, 1999)*, volume 1671 of *LNCS*, pages 221–232. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[11] Yevgeniy Dodis, Oded Goldreich, Eric Lehman, Sofya Raskhodnikova, Dana Ron, and Alex Samorodnitsky. Improved testing algorithms for monotonicity. In Dorit Hochbaum, Klaus Jansen, José D.P. Rolim, and Alistair Sinclair, editors, *Proceedings of the 3rd International Workshop on Randomization and Approximation Techniques in Computer Science and Second International Workshop on Approximation Algorithms for Combinatorial Optimization Problems, RANDOM-APPROX'99, (Berkeley, CA, August 8-11, 1999)*, volume 1671 of *LNCS*,

pages 97–108. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[12] Benjamin Doerr and Anand Srivastav. Approximation of multi-color discrepancy. In Dorit Hochbaum, Klaus Jansen, José D.P. Rolim, and Alistair Sinclair, editors, *Proceedings of the 3rd International Workshop on Randomization and Approximation Techniques in Computer Science and Second International Workshop on Approximation Algorithms for Combinatorial Optimization Problems, RANDOM-APPROX'99, (Berkeley, CA, August 8-11, 1999)*, volume 1671 of *LNCS*, pages 39–50. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[13] Uriel Feige. Randomized rounding for semidefinite programs — variations on the max cut example. In Dorit Hochbaum, Klaus Jansen, José D.P. Rolim, and Alistair Sinclair, editors, *Proceedings of the 3rd International Workshop on Randomization and Approximation Techniques in Computer Science and Second International Workshop on Approximation Algorithms for Combinatorial Optimization Problems, RANDOM-APPROX'99, (Berkeley, CA, August 8-11, 1999)*, volume 1671 of *LNCS*, pages 189–196. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[14] Dimitris A. Fotakis and Paul G. Spirakis. Efficient redundant assignments under fault-tolerance constraints. In Dorit Hochbaum, Klaus Jansen, José D.P. Rolim, and Alistair Sinclair, editors, *Proceedings of the 3rd International Workshop on Randomization and Approximation Techniques in Computer Science and Second International Workshop on Approximation Algorithms for Combinatorial Optimization Problems, RANDOM-APPROX'99, (Berkeley, CA, August 8-11, 1999)*, volume 1671 of *LNCS*, pages 156–167. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[15] Oded Goldreich and Avi Wigderson. Improved derandomization of bpp using a hitting set generator. In Dorit Hochbaum, Klaus Jansen, José D.P. Rolim, and Alistair Sinclair, editors, *Proceedings of the 3rd*

International Workshop on Randomization and Approximation Techniques in Computer Science and Second International Workshop on Approximation Algorithms for Combinatorial Optimization Problems, RANDOM-APPROX'99, (Berkeley, CA, August 8-11, 1999), volume 1671 of *LNCS*, pages 131–137. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[16] Joachim Gudmundsson, Christos Levcopoulos, and Giri Narasimhan. Approximating minimum manhattan networks. In Dorit Hochbaum, Klaus Jansen, José D.P. Rolim, and Alistair Sinclair, editors, *Proceedings of the 3rd International Workshop on Randomization and Approximation Techniques in Computer Science and Second International Workshop on Approximation Algorithms for Combinatorial Optimization Problems, RANDOM-APPROX'99, (Berkeley, CA, August 8-11, 1999)*, volume 1671 of *LNCS*, pages 28–38. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[17] Magnús M. Halldórsson and Guy Kortsarz. Multicoloring planar graphs and partial k-trees. In Dorit Hochbaum, Klaus Jansen, José D.P. Rolim, and Alistair Sinclair, editors, *Proceedings of the 3rd International Workshop on Randomization and Approximation Techniques in Computer Science and Second International Workshop on Approximation Algorithms for Combinatorial Optimization Problems, RANDOM-APPROX'99, (Berkeley, CA, August 8-11, 1999)*, volume 1671 of *LNCS*, pages 73–84. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[18] Csanád Imreh and John Noga. Scheduling with machine cost. In Dorit Hochbaum, Klaus Jansen, José D.P. Rolim, and Alistair Sinclair, editors, *Proceedings of the 3rd International Workshop on Randomization and Approximation Techniques in Computer Science and Second International Workshop on Approximation Algorithms for Combinatorial Optimization Problems, RANDOM-APPROX'99, (Berkeley, CA, August 8-11, 1999)*, volume 1671 of *LNCS*, pages 168–176. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[19] Klaus Jansen, Roberto Solis-Oba, and Maxim Sviridenko. A linear time approximation scheme for the job shop scheduling problem. In Dorit Hochbaum, Klaus Jansen, José D.P. Rolim, and Alistair Sinclair, editors, *Proceedings of the 3rd International Workshop on Randomization and Approximation Techniques in Computer Science and Second International Workshop on Approximation Algorithms for Combinatorial Optimization Problems, RANDOM-APPROX'99, (Berkeley, CA, August 8-11, 1999)*, volume 1671 of *LNCS*, pages 177–188. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[20] Hans Kellerer. A polynomial time approximation scheme for the multiple knapsack problem. In Dorit Hochbaum, Klaus Jansen, José D.P. Rolim, and Alistair Sinclair, editors, *Proceedings of the 3rd International Workshop on Randomization and Approximation Techniques in Computer Science and Second International Workshop on Approximation Algorithms for Combinatorial Optimization Problems, RANDOM-APPROX'99, (Berkeley, CA, August 8-11, 1999)*, volume 1671 of *LNCS*, pages 51–62. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[21] Russell A. Martin and Dana Randall. Pfaffian algorithms for sampling routings on regions with free boundary conditions. In Dorit Hochbaum, Klaus Jansen, José D.P. Rolim, and Alistair Sinclair, editors, *Proceedings of the 3rd International Workshop on Randomization and Approximation Techniques in Computer Science and Second International Workshop on Approximation Algorithms for Combinatorial Optimization Problems, RANDOM-APPROX'99, (Berkeley, CA, August 8-11, 1999)*, volume 1671 of *LNCS*, pages 257–268. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[22] Milena Mihail. Set cover with requirements and costs evolving over time. In Dorit Hochbaum, Klaus Jansen, José D.P. Rolim, and Alistair Sinclair, editors, *Proceedings of the 3rd International Workshop on Randomization and Approximation Techniques in Computer Science and Second International Workshop on Approximation Algorithms for Combinatorial Optimization Problems, RANDOM-APPROX'99, (Berkeley, CA, August 8-11, 1999)*, volume 1671 of *LNCS*, pages 63–72.

Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[23] Rolf H. Möhring, Andreas S. Schulz, and Marc Uetz. Stochastic machine scheduling: Performance guarantees for *lp*-based priority policies. In Dorit Hochbaum, Klaus Jansen, José D.P. Rolim, and Alistair Sinclair, editors, *Proceedings of the 3rd International Workshop on Randomization and Approximation Techniques in Computer Science and Second International Workshop on Approximation Algorithms for Combinatorial Optimization Problems, RANDOM-APPROX'99, (Berkeley, CA, August 8-11, 1999)*, volume 1671 of *LNCS*, pages 144–155. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[24] Ben Morris. Improved bounds for sampling contingency tables. In Dorit Hochbaum, Klaus Jansen, José D.P. Rolim, and Alistair Sinclair, editors, *Proceedings of the 3rd International Workshop on Randomization and Approximation Techniques in Computer Science and Second International Workshop on Approximation Algorithms for Combinatorial Optimization Problems, RANDOM-APPROX'99, (Berkeley, CA, August 8-11, 1999)*, volume 1671 of *LNCS*, pages 121–129. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[25] Michal Parnas and Dana Ron. Testing the diameter of graphs. In Dorit Hochbaum, Klaus Jansen, José D.P. Rolim, and Alistair Sinclair, editors, *Proceedings of the 3rd International Workshop on Randomization and Approximation Techniques in Computer Science and Second International Workshop on Approximation Algorithms for Combinatorial Optimization Problems, RANDOM-APPROX'99, (Berkeley, CA, August 8-11, 1999)*, volume 1671 of *LNCS*, pages 85–96. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[26] Seth Pettie and Vijaya Ramachandran. A randomized time-work optimal parallel algorithm for finding a minimum spanning forest. In Dorit Hochbaum, Klaus Jansen, José D.P. Rolim, and Alistair Sinclair, editors, *Proceedings of the 3rd International Workshop on Randomization and Approximation Techniques in Computer Science and*

Second International Workshop on Approximation Algorithms for Combinatorial Optimization Problems, RANDOM-APPROX'99, (Berkeley, CA, August 8-11, 1999), volume 1671 of *LNCS*, pages 233–244. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[27] Michael Saks, Aravind Srinivasan, Shiyu Zhou, and David Zuckerman. Low discrepancy sets yield approximate min-wise independent permutation families. In Dorit Hochbaum, Klaus Jansen, José D.P. Rolim, and Alistair Sinclair, editors, *Proceedings of the 3rd International Workshop on Randomization and Approximation Techniques in Computer Science and Second International Workshop on Approximation Algorithms for Combinatorial Optimization Problems, RANDOM-APPROX'99, (Berkeley, CA, August 8-11, 1999)*, volume 1671 of *LNCS*, pages 11–15. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[28] Avi Wigderson. Probabilistic and deterministic approximations of the permanent. In Dorit Hochbaum, Klaus Jansen, José D.P. Rolim, and Alistair Sinclair, editors, *Proceedings of the 3rd International Workshop on Randomization and Approximation Techniques in Computer Science and Second International Workshop on Approximation Algorithms for Combinatorial Optimization Problems, RANDOM-APPROX'99, (Berkeley, CA, August 8-11, 1999)*, volume 1671 of *LNCS*, pages 130–130. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.