

List of Publications

(In refereed journals)

1) Convergence of tail sum for records (2006) *Extremes* **9**, page 151–168 (jointly with Bose, A., Gangopadhyay, S. and Maulik, K.).

2) Rigorous results on the threshold network model (2005) *Journal of Physics A: Mathematics & General*, **38**, page 6277–6291 (jointly with Konno, N., Masuda, N. and Roy, R.).

3) Partial Sum Process for Records (2005) *Extremes*, **8**, Page 43–56. (jointly with Bose, A. and Gangopadhyay, S.).

4) Waiting time distributions of runs in a m -dependent Stationary Process (2004) *Annals of the Institute of Statistical Mathematics*, **56**, page 317–349 (jointly with Sen, Kanwar. and Anuradha).

5) On the coverage of space by random sets (2004) *Advances in Applied Probability*, **36**, page 1–18 (jointly with Athreya, S. and Roy, R.).

6) Random Oriented Trees: A Model of Drainage Networks (2004) *Annals of Applied Probability*, **14**, page 1242–1266 (jointly with Gangopadhyay, S. and Roy, R.).

7) $p_c(G)$ for the frog model is not a monotonic function of G (2004) *Journal of Applied Probability*, **41**, page 292–298 (jointly with Fontes, L. R. and Machado, F.).

8) Asymptotic Properties of Sums of Upper Records (2003) *Extremes*, **6**, page 147–164 (jointly with Bose, A., Gangopadhyay, S. and Sengupta, A.).

9) Convergence of Lower Records and Infinite divisibility (2003) *Journal of Applied Probability*, **40**, page 865–880 (jointly with Bose, A., Gangopadhyay, S. and Sengupta, A.).

10) Asymptotics of the Poisson random connection model (2003) *Physica A*, **318** page 230–342 (jointly with Roy, R.).

11) Infinite product of records (2003) *Journal of Applied Statistical Science*, **12**, page 1–9 (jointly with Bose, A. and Sengupta, A.).

12) Finitely polynomially determined Levy Processes, (2001) *Electronic journal of probability*, **6**, page 1–22 (jointly with Sengupta, A.).

13) Backbends in oriented percolation, (1998) *Journal of Statistical Physics*, **91**, page 889–908 (jointly with Roy, R. and White. D.).

14) The finite clusters in high density Boolean model with balls of varying sizes, (1998) *Advances in Applied Probability*, **30**, page 929–947.

15) Co-existence of the occupied and vacant phases in Boolean models in three or more dimensions, (1997) *Advances in Applied Probability* **29**, page 878–889.

16) Continuity and convergence of the percolation function in continuum percolation, (1997) *Journal of Applied Probability*, **34**, page 363–371.

17) The random connection model in high-dimensions, (1997) *Statistics and Probability letters*, **35**, page 145–154 (jointly with Meester, R. and Penrose, M. D.).

18) Non-universality and continuity of the critical covered volume fraction in continuum percolation, (1994) *Journal of Statistical Physics*, **75**, page 123–134 (jointly with Meester, R. and Roy, R.).

(In Edited Monographs)

1) Continuum percolation, (2000) in *Percolation Theory and Particle systems* ed. Rahul Roy, 25–44.