

List of Publications

- [AAC09] Rami Atar, Siva Athreya, and Zhen-Qing Chen. Exit time, Green function and semilinear elliptic equations. *Electron. J. Probab.*, 14:no. 3, 50–71, 2009.
- [AAI10] Krishna B. Athreya, Siva R. Athreya, and Srikanth K. Iyer. Critical age-dependent branching Markov processes and their scaling limits. *Proc. Indian Acad. Sci. Math. Sci.*, 120(3):363–385, 2010.
- [AAI11] Krishna B. Athreya, Siva R. Athreya, and Srikanth K. Iyer. Super-critical age-dependent branching Markov processes and their scaling limits. *Bernoulli*, 17(1):138–154, 2011.
- [AAK01] Rami Atar, Siva Athreya, and Min Kang. Ballistic deposition on a planar strip. *Electron. Comm. Probab.*, 6:31–38 (electronic), 2001.
- [ABBP02] S. R. Athreya, M. T. Barlow, R. F. Bass, and E. A. Perkins. Degenerate stochastic differential equations and super-Markov chains. *Probab. Theory Related Fields*, 123(4):484–520, 2002.
- [ABD14] Siva Athreya, Antar Bandyopadhyay, and Amites Dasgupta. Random walks in i.i.d. random environment on Cayley trees. *Statist. Probab. Lett.*, 92:39–44, 2014.
- [ABGP06] Siva R. Athreya, Richard F. Bass, Maria Gordina, and Edwin A. Perkins. Infinite dimensional stochastic differential equations of Ornstein-Uhlenbeck type. *Stochastic Process. Appl.*, 116(3):381–406, 2006.
- [ABP05] Siva R. Athreya, Richard F. Bass, and Edwin A. Perkins. Hölder norm estimates for elliptic operators on finite and infinite-dimensional spaces. *Trans. Amer. Math. Soc.*, 357(12):5001–5029 (electronic), 2005.
- [ADS17] Siva Athreya, Alexander Drewitz, and Rongfeng Sun. Subdiffusivity of a random walk among a poisson system of moving traps on \mathbb{Z} . *Mathematical Physics, Analysis and Geometry*, 20, 2017.
- [AEW13] Siva Athreya, Michael Eckhoff, and Anita Winter. Brownian motion on \mathbb{R} -trees. *Trans. Amer. Math. Soc.*, 365(6):3115–3150, 2013.
- [AJ06] S. R. Athreya and A. A. Járai. Erratum: “Infinite volume limit for the stationary distribution of abelian sandpile models” [Comm. Math. Phys. **249** (2004), no. 1, 197–213; mr2077255]. *Comm. Math. Phys.*, 264(3):843, 2006.
- [ALW16] Siva Athreya, Wolfgang Löhner, and Anita Winter. The gap between Gromov-vague and Gromov-Hausdorff-vague topology, 2016.

- [ALW17] Siva Athreya, Wolfgang Löhr, and Anita Winter. Invariance principle for variable speed random walks on trees, 2017.
- [AR16] Siva Athreya and Adrian Röllin. Dense graph limits under respondent-driven sampling, 2016.
- [ARS04] Siva Athreya, Rahul Roy, and Anish Sarkar. On the coverage of space by random sets. *Adv. in Appl. Probab.*, 36(1):1–18, 2004.
- [ARS08] Siva Athreya, Rahul Roy, and Anish Sarkar. Random directed trees and forest-drainage networks with dependence. *Electron. J. Probab.*, 13:no. 71, 2160–2189, 2008.
- [AS05] Siva R. Athreya and Jan M. Swart. Branching-coalescing particle systems. *Probab. Theory Related Fields*, 131(3):376–414, 2005.
- [AS08] S. R. Athreya and V. S. Sunder. *Measure & probability*. Universities Press, Hyderabad; CRC Press, Boca Raton, FL, 2008.
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- [AS11] Siva R. Athreya and Rongfeng Sun. One-dimensional voter model interface revisited. *Electron. Commun. Probab.*, 16:792–800, 2011.
- [AS12] Siva R. Athreya and Jan M. Swart. Systems of branching, annihilating, and coalescing particles. *Electron. J. Probab.*, 17:no. 80, 32, 2012.
- [AST11] Siva Athreya, Sunder Sethuraman, and Bálint Tóth. On the range, local times and periodicity of random walk on an interval. *ALEA Lat. Am. J. Probab. Math. Stat.*, 8:269–284, 2011.
- [AT00] Siva Athreya and Roger Tribe. Uniqueness for a class of one-dimensional stochastic PDEs using moment duality. *Ann. Probab.*, 28(4):1711–1734, 2000.
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- [Ath02] Siva Athreya. On a singular semilinear elliptic boundary value problem and the boundary Harnack principle. *Potential Anal.*, 17(3):293–301, 2002.

- [AW05] Siva Athreya and Anita Winter. Spatial coupling of neutral measure-valued population models. *Stochastic Process. Appl.*, 115(6):891–906, 2005.