Mohsen SHARIFI TABAR

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Born:

September 11, 1981, Qom, Iran

Educations:

- PostDoctoral Researcher, IPM, 2011–2014
- PhD., Mathematics, Math Dep., Sharif University of Technology, 2010
- MS., Mathematics, Math Dep., Sharif University of Technology, 2003
- BSc., Mathematics, Math Dep., Sharif University of Technology, 2002

Teaching Experiences:

- Probability Theory, 2005
- (TA) General Mathematics, 2004–2005
- ODE Theory, 2010
- Mathematical Writing, 2011
- Numerical Analysis I, 2012
- PDE Numerics, 2012
- Real Analysis, 2013
- PDE Numerics, 2013
- PDE, 2013
- PDE Numerics, 2014
- Applied Stochastic Processes, 2015
- Analysis II, 2015
- Probability Theory, 2015
- Numerical Analysis II, 2016

Publications:

- V. Calvez, B. Perthame and M. Sharifitabar, "Modified Keller–Segel system and critical mass for the log interaction kernel", Stoch. Analysis and Partial Diff. Equations, Contemp. Math., vol. 429, Amer. Math. Soc., Providence, RI (2007), pp. 45–62.
- K. Alishahi and M. Sharifitabar, "Volume degeneracy of the typical cell and chord length distribution for Poisson–Voronoi tessellations in high dimensions", Adv. in Appl. Probab., vol. 40, no. 4 (2008), pp. 919–938
- M. Sharifitabar, "One–dimensional chemotaxis kinetic model", Nonlinear Diff. Equations and App. NoDEA, vol. 18, Issue 2 (2011), pp. 139–172.
- H. Emamirad , M. Sharifitabar, "On explicit representation and approximations of Dirichlet-to-Neumann semigroup", Semigroup Forum, vol. 86, Issue 1 (2013), pp. 192–201.
- E. Yazdian, S. Gazor, M. H. Bastani and M. Sharifitabar, "Eigenvalue estimation of the exponentially windowed sample covariance matrices", IEEE Transactions on Information Theory, vol. 62(7), pp. 4300–4311.
- M. Fotouhi, M. Heidari and M. Sharifitabar, "Continuous neural Network with windowed Hebbian learning", Biol. Cybern., vol. 109(3) (2015), pp. 321–332.

Awards and Honors:

- Silver Medalist, Physics Olympiad, Youth Scholar Club, 1996
- First rank in qualifying exam for MS, Iran, 2001
- First rank in 7th & 8th University Students Olympiad, Iran, 2001 & 2002
- First rank in Mathematical Competition held by IMS(Iranian Mathematical Society), 2002

- First Prize in IMC(International Mathematical Competition), Romania, 2002

Skills and Qualifications:
- Good knowledge of MATLAB to perform numerical simulations
- Programming ability with C & Java
- Good knowledge of LaTeX to typeset math articles in Persian or English
- Good knowledge of English language and elementary knowledge about French language