

List of publications

Peer-reviewed journal articles

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- [4] Dachian S., “*Estimation of Cusp Location by Poisson Observations*”, Statistical Inference for Stochastic Processes, vol. 6, no. 1, pp. 1–14, 2003.
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- [6] Dachian S., Nahapetian B.S., “*Description of Specifications by Means of Probability Distributions in Small Volumes under Condition of Very Weak Positivity*”, Journal of Statistical Physics, vol. 117, no. 1–2, pp. 281–300, 2004.
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- [12] Dachian S., “*Estimation of the Location of a 0-Type or ∞ -Type Singularity by Poisson Observations*”, Statistics. A Journal of Theoretical and Applied Statistics, vol. 45, no. 5, pp. 509–523, 2011.

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- [16] Chernoyarov O.V., Salnikova A.V., Dachian S., Shepelev D.N., “*Adaptive Detection and Time and Power Parameters Estimation of the Low-Frequency Random Pulse with Inexactly Known Duration against White and Correlated Hindrances*”, *Applied Mathematical Sciences*, vol. 9, no. 2, pp. 83–105, 2015.
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- [36] Chernoyarov O.V., Dachian S., Farinetta C., Kutoyants Yu.A., “*Localization of Two Radioactive Sources on the Plane*”, *Statistical Inference for Stochastic Processes*, vol. 27, no. 1, pp. 1–23, 2024.
- [37] Chernoyarov O.V., Dachian S., Kutoyants Yu.A., “*On Misspecification in Cusp-Type Change-Point Models*”, submitted.
- [38] Chernoyarov O.V., Dachian S., Kutoyants Yu.A., “*Localization of Moving Poisson Source on the Plane*”, submitted.

Scientific degrees

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- [40] Dachian S., “*Quelques Contributions à la Statistique des Processus, à la Théorie des Champs Aléatoires et à la Statistique des Champs Aléatoires*”, Habilitation (Habilitation à Diriger des Recherches), University Blaise Pascal, Clermont-Ferrand, France, 2012.

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