

List of publications.

1. Statistics of anomalously localized states at the center of band $E=0$ in the one-dimensional Anderson localization model -- V.E.Kravtsov and V.I.Yudson, Journal of Phys. A – Mathematical and Theoretical **46** 025001 (2013).
2. Levy flights and multifractality in quantum critical diffusion and in classical random walks on fractals – V.E.Kravtsov, O.M.Yevtushenko, P.Snajberk, E.Cuevas, Phys. Rev. E **86** 021136 (2012).
3. Anderson localization of one-dimensional hybrid particles – H.Y.Xie, V.E.Kravtsov, M.Müller, Phys. Rev. B **86** 014205 (2012).
4. Return probability and scaling exponents in the critical random matrix ensemble – V.E.Kravtsov, A. Ossipov and O.M.Yevtushenko, J.Phys. A **44**, 305003 (2011).
5. Commensurability effects in one-dimensional Anderson localization: Anomalies in eigenfunction statistics – V.E.Kravtsov and V.I.Yudson, Annals of Physics **326**, 1672 (2011).
6. Exact solution for eigenfunction statistics at the center-of-band anomaly in the Anderson localization model -- V.E.Kravtsov and V.I.Yudson, Phys. Rev. B **82**, 195120 (2010).
7. Dynamical scaling for critical states: Is Chalker's ansatz valid for strong fractality—V.E.Kravtsov, A.Ossipov, O.M.Yevtushenko and E.Cuevas, Phys. Rev. B **82**, 161102 (R) (2010).
8. Thermoelectric transport through a quantum dot: Effects of Kondo channel asymmetry – T.K.T.Nguyen, M.N.Kiselev and V.E.Kravtsov, Phys. Rev. B **82**, 113306 (2010).
9. Fractal superconductivity near localization threshold – M.V.Feigelman, L.B.Ioffe, V.E.Kravtsov and E.Cuevas, Annals of Physics **365**, 1368 (2010).

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12. Infrared catastrophe in two-quasiparticle collision integral– O.V.Dimitrova and V.E.Kravtsov, JETP Lett., **86**, 670-676 (2007) [Pis'ma v ZhETF, **86**, 762-768 (2007)].
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11. Superbosonization formula and its application to random matrix theory– J.E. Bunder, K.B. Efetov, V.E. Kravtsov, O.M. Yevtushenko, M.R. Zirnbauer, J.Stat.Phys., **129**, 809-832 (2007).
12. Multiphoton processes in driven mesoscopic systems – A. Silva, V.E. Kravtsov, Phys. Rev. B, **76**, 165303 (2007).
13. Eigenfunction fractality and pseudogap state near the superconductor-insulator transition –M.V.Feigelman, L.B.Ioffe, V.E.Kravtsov, E.A.Yuzbashyan, Phys.Rev.Letters, **98**, 027001 (2007).
14. Level compressibility in a critical random matrix ensemble: the second virial coefficient – V.E.Kravtsov, O.Yevtushenko and E.Cuevas, J.Phys.A, **39**, 2021-2034 (2006).
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