

Alexander N. Korotkov

List of publications

Journal papers

1. A. N. Korotkov and V. F. Tokarev, “Instanton effects in two-dimensional scalar electrodynamics”, *Teor. Mat. Fiz.* **73**, No. 1, 61-73 (1987) [*Theor. Math. Phys.* **73**, No. 1, 1060-1068 (1987)].

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3. D. V. Averin and A. N. Korotkov, “Influence of discrete energy spectrum on correlated single-electron tunneling via a mesoscopically small metal granule”, *Zh. Eksp. Teor. Fis.* **97**, No. 5, 1661-1673 (1990) [*Sov. Phys. JETP* **70**, No. 5, 937-943 (1990)].

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12. A. N. Korotkov, D. V. Averin, and K. K. Likharev, "Combined Bloch/SET oscillations in 1D arrays of small tunnel junctions", *Physica B* **194-196**, 1333-1334 (1994).
13. A. N. Korotkov, "Intrinsic noise of the single-electron transistor", *Phys. Rev. B* **49**, No. 15, 10381-10392 (1994).
14. A. N. Korotkov, "Effect of image charge on single-electron tunneling", *Phys. Rev. B* **49**, No. 16, 11508-11510 (1994).
15. A. A. Zubilov, S. P. Gubin, A. N. Korotkov, A. G. Nikolaev, E. S. Soldatov, V. V. Hanin, G. B. Homutov, and S. A. Yakovenko, "Single-electron tunneling via cluster molecule at room temperature", *Pis'ma Zh. Tekh. Fiz.* **20**, No. 5, 41-45 (1994) [*Tech. Phys. Lett.* **20**, No. 3, 195-196 (1994)].
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