



# PHYSICA E: LOW-DIMENSIONAL SYSTEMS AND NANOSTRUCTURES

## AUTHOR INFORMATION PACK

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### DESCRIPTION

*Physica E* (Low-dimensional systems and **nanostuctures**) contains papers and invited review articles on the fundamental and applied aspects of physics in **low-dimensional systems**, including semiconductor heterostructures, mesoscopic systems, quantum wells and superlattices, two-dimensional electron systems, and quantum wires and dots. Both theoretical and experimental contributions are invited. Topics suitable for publication in this journal include spin related phenomena, optical and transport properties, many-body effects, integer and fractional quantum Hall effects, single electron effects and devices, and other novel phenomena.

Keywords:

- quantum wells and superlattices;
- novel growth and fabrication techniques for nanostructures;
- heterostructures, metal-semiconductor and insulator semiconductor structures;
- mesoscopic systems, quantum wires and quantum dots;
- charge- and spin- transport and tunnelling;
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Solid State Physicists and Material Scientists interested in Nanostructures and Low-dimensional systems. Semiconductor Researchers. Scientists working on Quantum Wells and Superlattices, Mesoscopic Systems, Quantum Wires and Quantum Dots

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[4] Cancer Research UK, Cancer statistics reports for the UK. <http://www.cancerresearchuk.org/aboutcancer/statistics/cancerstatsreport/>, 2003 (accessed 13.03.03).

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[dataset] [5] M. Oguro, S. Imahiro, S. Saito, T. Nakashizuka, Mortality data for Japanese oak wilt disease and surrounding forest compositions, *Mendeley Data*, v1, 2015. <https://doi.org/10.17632/xwj98nb39r.1>.

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