

2008 - 1

Quantum transport in an ultra-thin SOI MOSFET: Influence of the channel thickness on the I-V characteristics

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2004 - 1

Quantum transport in a nanosize double-gate metal-oxide-semiconductor field-effect transistor

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2003 - 2

Moore's law: New playground for quantum physics

van Rossum Marc¹², Schoenmaker Wim J.¹, Magnus Wim¹, de Meyer Kristin M.¹², Croitor Mihail³⁴, Gladilin Vladimir³⁴, Fomin Vladimir³⁴, Devreese Josef T.³⁵

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Quantum transport in a nanosize silicon-on-insulator metal-oxide-semiconductor field-effect transistor

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1999 - 1

Distribution of fields and charge carriers in cylindrical nanosize silicon-based metal-oxide-semiconductor structures

Pokatilov Evghenii¹, Fomin Vladimir¹²³, Balaban Serghei¹, Gladilin Vladimir¹², Klimin Serghei¹, Devreese Josef T.², Magnus Wim⁴, Schoenmaker Wim J.⁴, Collaert Nadine⁴, van Rossum Marc⁴⁵, de Meyer Kristin M.⁴⁵

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