

Publications

A. Bisio, G. Chiribella, G. M. D'Ariano and P. Perinotti, *Information-Disturbance Tradeoff in estimating a unitary transformation*, Phys. Rev. A **82**, 062305 (2010).

A. Bisio, G. Chiribella, G. M. D'Ariano and P. Perinotti, *Minimal computational-space implementation of multi-round quantum protocols*, arXiv:1006.1780

A. Bisio, G. Chiribella, G. M. D'Ariano, S. Facchini and P. Perinotti, *Optimal quantum learning of a unitary transformation*, Phys. Rev. A **81**, 032324 (2010)

A. Bisio, G. Chiribella, G. M. D'Ariano, S. Facchini and P. Perinotti, *Optimal Quantum Tomography*, IEEE Journal of Selected Topics in Quantum Electronics **15**, 1646 (2009).

A. Bisio, G. Chiribella, G. M. D'Ariano, S. Facchini and P. Perinotti, *Optimal Quantum Tomography for States, Measurements and Transformations*, Phys. Rev. Lett. **102**, 010404 (2009).

Talks and seminars

“Optimization of Quantum Circuits” CEQIP Workshop, Valtice, 3-6 June 2010

“Quantum Circuits Optimization” invited talk at Slovak Academy of Sciences, Bratislava, 8 June 2010

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