

Lista publikacji

- październik 2011

I. Prace oryginalne (rozdziały w książkach zbiorowych, artykuły w czasopismach):

1. Ramanathan R., **Kurzynski P.**, Chuan T. K., Santos M. F., Kaszlikowski D., 2011, ***Criteria for two distinguishable fermions to behave like a boson***, *Physical Review A* 84: 034304.
2. Ramanathan R., Paterek T., Kay A., **Kurzynski P.**, Kaszlikowski D., 2011, ***Local Realism of Macroscopic Correlations***, *Physical Review Letters* 107: 060405.
3. **Kurzynski P.**, Wójcik A., 2011, ***Discrete Time Quantum Walk Approach to State Transfer***, *Physical Review A* 83: 062315.
4. **Kurzynski P.**, Paterek T., Ramanathan R., Laskowski W., Kaszlikowski D., 2011, ***Correlation Complementarity Yields Bell Monogamy Relations***, *Physical Review Letters* 106: 180402.
5. Paterek T., **Kurzynski P.**, Oi D. K. L., Kaszlikowski D., 2011, ***Reference frames for Bell inequality violation in the presence of superselection rules***, *New Journal of Physics* 13: 043027.
6. **Kurzynski P.**, 2011, ***Multi-Bloch vector representation of the qutrit***, *Quantum Information and Computation* 11(5-6): 0361-0373.
7. **Kurzynski P.**, Kaszub W., Czechlewski M., 2010, ***Mutually unbiased bases and complementary spin 1 observables***, *Journal of Physics A: Mathematical and Theoretical* 43: 265303.
8. **Kurzynski P.**, 2008, ***Relativistic effects in quantum walks: Klein's paradox and Zitterbewegung***, *Physics Letters A* 372: 6125.
9. Grudka A., **Kurzynski P.**, 2008, ***Is there contextuality for a single qubit?***, *Physical Review Letters* 100: 160401.
10. Wójcik A., Łuczak T., **Kurzynski P.**, Grudka A., Gdala T., Bednarska M., 2007, ***Multiuser quantum communication networks***, *Physical Review A* 75: 022330.
11. Wójcik A., Łuczak T., **Kurzynski P.**, Grudka A., Gdala T., Bednarska M., 2005, ***Unmodulated spin chains as universal quantum wires***, *Physical Review A* 72: 034303.
12. Wójcik A., Łuczak T., **Kurzynski P.**, Grudka A., Bednarska M., 2004, ***Quasiperiodic dynamics of a quantum walk on the line***, *Physical Review Letters* 93: 180601.
13. Bednarska M., Grudka A., **Kurzynski P.**, Łuczak T., Wójcik A., 2004, ***Examples of nonuniform limiting distributions for the quantum walk on even cycles***, *International Journal of Quantum Information* 2: 453.
14. Bednarska M., Grudka A., **Kurzynski P.**, Łuczak T., Wójcik A., 2003, ***Quantum walks on cycles***, *Physics Letters A* 317: 21.