

Piotr Trocha

Lista publikacji
z dnia 30 października 2010

Publikacje w czasopismach

1. Trocha P., 2010, **Orbital Kondo effect in double quantum dots**, *Physical Review B* 82(12): 125323 1-9
2. Trocha P., 2010, **Beating in electronic transport through quantum dot based devices**, *Physical Review B* 82(11): 115320 1-8
3. Trocha P., Barnaś J., 2010, **Kondo-Dicke resonances in electronic transport through double quantum dots**, *Journal of Nanoscience and Nanotechnology* 10(4): 2489-2494
4. Trocha P., Barnaś J., 2010, **Resonances in electronic transport through systems of coupled quantum dots**, *Journal of Non-Crystalline Solids* 356(37-40): 1875-1880
5. Trocha P., Weymann I., Barnaś J., 2009, **Negative tunnel magnetoresistance and differential conductance in transport through double quantum dots**, *Physical Review B* 80(16): 165333 1-11
6. Trocha P., Barnaś J., 2008, **Kondo-Dicke resonances in electronic transport through triple quantum dots**, *Physical Review B* 78(7): 075424 1-8
7. Trocha P., Barnaś J., 2008, **Dicke-like effect in spin – polarized transport through coupled quantum dots**, *Journal of Physics: Condensed Matter* 20(12): 125220 1-6
8. Trocha P., Barnaś J., 2007, **Quantum interference and Coulomb correlation effects in spin – polarized transport through two coupled quantum dots**, *Physical Review B* 76(16): 165432 1-9

Prace pokonferencyjne

1. Trocha P., Barnaś J., 2006, **Spin-polarized resonant tunneling through two coupled quantum dots**, *Physica Status Solidi C* 3(1): 113-117
2. Trocha P., Barnaś J., 2007, **Interference and Coulomb correlation effects in spin – polarized transport through coupled quantum dots**, *Materials Science – Poland*, 25(2): 545-552
3. Trocha P., Barnaś J., 2007, **Role of interference and Coulomb correlation effects in spin – polarized transport through coupled quantum dots**, *Physica Status Solidi B* 244(7): 2553-2558
4. Trocha P., Barnaś J., 2007, **Coherent transport through systems of coupled quantum dots**, *Acta Physica Polonica A* 112(2): 473-480
5. Barnaś J., Weymann I., Trocha P., Krompiewski S., Dugaev V., 2007, **Spin and charge transport through quantum dots and molecules**, *Journal of Physics: Conference Series* 104: 012016 1-7
6. Trocha P., Barnaś J., 2008, **Spin-polarized transport through two quantum dots: Interference and Coulomb correlation effects**, *Materials Science – Poland* 26(3): 707-714