

## 11. OBJAVLJENI NAJZNAČAJNIJI RADOVI U RAZDOBLJU 2007. - 2013. (BROJ RADOVA KOJI SE NAVODI MOŽE BITI NAJVIŠE DVOSTRUKO VEĆI OD BROJA SURADNIKA SA SVEUČILIŠTA U ZAGREBU)

6 (2x3) odabranih radova objavljenih u CC časopisima od 2007. do 2013.:

M. Pavičić, "Nondestructive Interaction-Free Atom-Photon Controlled-NOT Gate," *Physical Review A* 75, 032342 (2007); Impact Factor: 3.042; Quartile: Q1

M. Pavičić, B. D. McKay, N. D. Megill, and K. Fresl, "Graph Approach to Quantum Systems," *Journal of Mathematical Physics* 51, 102103 (2010); Impact Factor: 1.296; Quartile: Q2

M. Pavičić, N. D. Megill, and J.-P. Merlet, "New Kochen-Specker Sets in Four Dimensions," *Physica Letters A* 374, 2122 (2010); Impact Factor: 1.766; Quartile: Q2

M. Pavičić, "Entanglement and Superdense Coding with Linear Optics," *International Journal of Quantum Information* 9, 1737 (2011); Impact Factor: 0.918; Quartile: Q2

N. D. Megill, K. Fresl, M. Waegell, P. K. Aravind, and M. Pavičić, "Probabilistic Generation of Quantum Contextual Sets," *Physics Letters A* 375, 3419 (2011); Impact Factor: 1.766; Quartile: Q2

M. Pavičić, "In quantum direct communication an undetectable eavesdropper can always tell  $\Psi$  from  $\Phi$  Bell states in the message mode," *Physical Review A* 87, 042326 (2013); Impact Factor: 3.042; Quartile: Q1