1. One-way finite automata with quantum and classical states, Co-authors: Shenggen Zhen, Daowen Qiu, Lvzhou Li, in print, 17 pages

2. De-quantisation, AIP Conference Proceedings, in print


7. J. Gruska: Impacts of informatics on QIPC, Quantum signal and information,, Nanjing university of Post and Telecommunication, 2011, 40-48 p


10. The firing squad synchronization problem on squares, toruses and rings (co-authors: S. La Torre, M. Parente), International Journal on Foundations of computer Science, V18, N3, 637-654


14. The emergence and challenges of quantum informatics, it-Information technology, V48, issue 6, 336-343, 2006, Special issue devoted to Thomas Beth, Ed. R. Vollmar

15. Quantum informatics paradigms and tools for QIPC, Quantum computing, Proceedings of BAckaction, a conference in Kanpur, March 2006, Ed. D. Goswami, AIP conference proceedings # 864, 1-10


17. A broader view on limitations of information processing and communication by nature, Natural computing, V6, 75-112, 2007, Springer


23. Main challenges and driving forces of IT in the era of globalization, Proceedings of Shanghai Forum, ças Propagation of Information Technology, Fudan University Press, Shanghai, 60-72, May 16-17, 2005

24. Optimal time & communication solution of firing squad synchronization problems on square arrays, toruses and rings, co-authors Dominik Parente and Salvatore La Torre, Proceedings of DLT’04, 200-211, LNCS 3340, 2004


33. Quantum models and modes of computation and communication. co-author R. Vollmar, Proceedings of RIMS Workshop, Kyoto, March 22-23, pages 76-85, 2000


35. Quantum implications of quantum automata, Proceedings of NATO Workshop on decoherence in quantum computing, Mykonos, June 2000, 18 page


38. Quantumization of Informatics, Proceedings of Riga Workshop on Quantum Computation and learning, Mälardalen University and Riga University, 1999, 9-32.


71. On the size of context-free grammars. Kybernetika, V8, 1972, 213-218


74. Complexity and unambiguity of context-free grammars and languages. Information and Control, V18, 1971, 502-519

75. Unambiguity of context-free grammars and languages. Information Processing 68, North-Holland, 1971, 135-139


79. Tables for determining the critical stresses of thin-walled bars and the use of a computer for calculation. In Slovak, joint authors: A. Mrázik, I. Plander, Stavebnický Časopis, V9, 1961, 461-484