

Petrenko, A., Ulrich, A. and Chapenko, V. P. "Races of Actions in Parallel Systems" *Automatic Control and Computer Sciences*, 36 (6) 2002 : 40-47.

**Abstract**

A method of detecting races of actions in parallel system based on analysis of its specification given in the form of systems of labeled transitions is considered. A classification of the race conditions of actions is proposed. Three types of environments in which a system may function are identified. A method of detecting races in a system functioning in a slow-sequential environments that permits execution of an action by the system only in its stable states is investigated