

Petrenko, A., Ulrich, A. and Chapenko, V. P. "Analysis of Concurrent System Behavior in Various Environments" *Automatic Control and Computer Sciences*, 37 (3) 2003 : pp 1-7.

Abstract

A method of conflict detection in concurrent systems specified in the form of a set of interacting systems of labeled transitions is considered. Models of the behavior of concurrent systems that interact with a sequential-fast external environment and with a concurrent external environment are developed. Propositions that evaluate the conflict detection method considered in the article are presented