

Petrenko A., Vetrova M. and Yevtushenko N. "Adaptive Test Generation for Nondeterministic Networks". *Radio Electronics and Informatics*, vol. 13, 2005 : 90-93.

**Abstract**

In this paper, we discuss transition coverage testing that is test purpose based testing. We introduce the notion of a test as a tree FSM, define preset and adaptive tests for a non-deterministic specification and demonstrate that adaptive tests achieve the above test purpose more effectively. We illustrate our approach for a so-called monolithic representation of a non-deterministic FSM.