Application Package "Time-delay System Toolbox" and Its network implementation

Arkadii Kim avkim@imm.uran.ru

Institute of Mathematics and Mechanics Russian Academy of Sciences (Ural Branch) Kovalevskoy Street, 16, Ekaterinburg, 620219, Russia, Russia

The report presents:

- a) the approaches to constructing numerical and control algorithms for modeling and analysis of delay differential equations;
- b) the application package (in MATLAB Toolbox format) developed on the basis of these algorithms;
 - c) network implementation of the Toolbox for use on World Wide Web.

The results are available at the web-site http://fde.usaaa.ru/