

CONTENTS

<i>Maria Isabel Garcia Planas</i>	
Analyzing control properties of multi-agent linear systems	81
<i>Anastasia A. Grishchenko, Marina V. Sysoeva, Tatiana M. Medvedeva, Clementina M. van Rijn Boris P. Bezruchko, and Ilya V. Sysoev</i>	
Connectivity detection in application to spike-wave discharge study	86
<i>Yulia D. Kluchevskaya and Sergey M. Polozov</i>	
Beam dynamics simulation in a linear accelerator for CERN Future Circular Collider	98
<i>Sergey M. Polozov and Vladimir I. Rashchikov</i>	
Simulation studies on the RF gun saturated emission	103
<i>Cutberto Romero-Melendez, Leopoldo Gonzalez-Santos, and David Castillo-Fernandez</i>	
A numerical approach for the stochastic control of a two-level quantum system	107
<i>Iuliia Zaitceva and Leonid Chechurin</i>	
The estimation of aircraft control system stability boundaries by the describing function method	117