

## CONTENTS

<i>Elena V. Goncharova and Maxim V. Staritsyn</i> Application of singular space-time transformation to impulsive pest management .....	31
<i>E. Pugliese, R. Meucci, S. Euzzor, J. G. Freire, and J. A.C. Gallas</i> A new model for complex dynamics in a dc glow discharge tube .....	37
<i>Vera B. Smirnova, Natalia V. Utina, Aleksey A. Perkin, and Alexander I. Shepeljavyi</i> Upper bounds for frequency of periodic regimes in many-dimensional and infinite dimensional phase synchronization systems .....	41
<i>Peter Valach and Danica Rosinová</i> Comparison of two bumpless transfer methods for a discrete-time switched system with robust control .....	49