CONTENTS

Róbert Kras n anský and Alena Kozáková	
Decentralized generalized predictive control based on the equivalent subsystems method	95
Zigang Li, Kongming Guo, Jun Jiang, and Ling Hong	
Study on the onset condition and transient behaviors of noise-induced bifurcation	105
Jakub Sawicki, Markus Abel, and Eckehard Schöll	
Synchronization in coupled organ pipes	112
Stanislaw Sieniutycz	
A graphical approach to heat and mass exchange between gas and granular solid	116