

Contents

Preface	XI
Chapter 1	1
Vibration Control in Bridges <i>by Kenneth C. Crawford</i>	
Chapter 2	23
Fractional Optimal Control Problem of Parabolic Bilinear Systems with Bounded Controls <i>by Abella El Kabouss and El Hassan Zerrik</i>	
Chapter 3	37
Adaptive Sliding Mode Control Vibrations of Structures <i>by Leyla Fali, Khaled Zizouni, Abdelkrim Saidi, Ismail Khalil Bousserhane and Mohamed Djermane</i>	
Chapter 4	55
Development of a Low-Cost Vibration Damper Dynamometer for Suspension Damper Testing <i>by Yucheng Liu and Ge He</i>	
Chapter 5	69
A Ball-Type Passive Tuned Mass Vibration Absorber for Response Control of Structures under Harmonic Loading <i>by Jiří Náprstek and Cyril Fischer</i>	