Dynamics, Control, and Optimization with Applications

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Received 4 August 2013; Accepted 4 August 2013

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Dynamic systems abound in virtually all areas of science and engineering. The control and optimization of such systems are of paramount importance in many applications, including batch chemical reactions, spacecraft and hypersonic vehicle control, and switching power converters. In recent years, control and optimization methodologies have also been successfully applied to study financial and biological systems.

This special issue includes many high-quality papers discussing theoretical investigations, numerical experiments, and practical applications of dynamic systems, optimization, and control. These papers offer numerous exciting new insights and research developments. Moreover, with more researchers joining the community of dynamic systems, control, and optimization, these areas will continue to develop and flourish in the future.

Acknowledgments

We would like to express our sincere thanks to all authors for their contributions to this special issue. We would also like to thank the reviewers for their generous help to review these papers. Last but not least, we would like to thank our mentor, Professor Kok Lay Teo, for his constant encouragement and support during the editing of this special issue.

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