CONTENTS

| A. G. Butkovskiy, V. A. Kubyshikin and V. I. Finyagina A Geometrical theory for nonlinear least squares problems G. Chavent. Domain variation for drag in Stokes flow J. Simon | Methods and models to design mobile controls on surface |
|---|---|
| A Geometrical theory for nonlinear least squares problems G. Chavent | A. G. Butkovskiy, V. A. Kubyshikin and V. I. Finyagina |
| Domain variation for drag in Stokes flow J. Simon 28 The existence of solutions to the infinite dimensional algebraic Riccati equations with indefinite coefficients Shuping Chen Optimal control for data assimilation in meteorology FX. Le Dimet On the stability of open population large scale system Hang Gao 61 Temperature control system of heat exchangers —an application of DPS theory Guangyuan Huang et al. 69 Robust stabilization and finite dimensional controler design about a class of distributed parameter systems Shun-ju Hu and Yian-Qin Xu The asymptotic regulator design for nonlinear flexible structures with arbitrary constant disturbances Chengzi Li Optimal control for infinite dimensional systems Xunjing Li Numerical resolution of ill posed problems R. Luce and J. P. Kernévez Controllability and indentifiability for linear time-delay systems in Hilbert space S. Nakagiri A generalized Hamilton-Jacobi-Bellman equation Shige Peng 126 Dynamics and control of bending and torsional vibrations of flexible beams Yoshiyuki Sakawa and Zheng Hua Luo 135 Strong solutions and optimal control for stochastic differential eautions in duals of nuclear spaces Rong Situ Some new results on approximate controllability | A Geometrical theory for nonlinear least squares problems |
| Domain variation for drag in Stokes flow J. Simon 28 The existence of solutions to the infinite dimensional algebraic Riccati equations with indefinite coefficients Shuping Chen Optimal control for data assimilation in meteorology FX. Le Dimet On the stability of open population large scale system Hang Gao 61 Temperature control system of heat exchangers —an application of DPS theory Guangyuan Huang et al. 69 Robust stabilization and finite dimensional controler design about a class of distributed parameter systems Shun-ju Hu and Yian-Qin Xu The asymptotic regulator design for nonlinear flexible structures with arbitrary constant disturbances Chengzi Li Optimal control for infinite dimensional systems Xunjing Li Numerical resolution of ill posed problems R. Luce and J. P. Kernévez Controllability and indentifiability for linear time-delay systems in Hilbert space S. Nakagiri A generalized Hamilton-Jacobi-Bellman equation Shige Peng 126 Dynamics and control of bending and torsional vibrations of flexible beams Yoshiyuki Sakawa and Zheng Hua Luo 135 Strong solutions and optimal control for stochastic differential eautions in duals of nuclear spaces Rong Situ Some new results on approximate controllability | G. Chavent |
| The existence of solutions to the infinite dimensional algebraic Riccati equations with indefinite coefficients Shuping Chen | Domain variation for drag in Stokes flow |
| The existence of solutions to the infinite dimensional algebraic Riccati equations with indefinite coefficients Shuping Chen | J. Simon |
| algebraic Riccati equations with indefinite coefficients Shuping Chen | |
| Shuping Chen | |
| Shuping Chen | algebraic Riccati equations with indefinite coefficients |
| Optimal control for data assimilation in meteorology FX. Le Dimet | Shuping Chen4 |
| FX. Le Dimet | Optimal control for data assimilation in meteorology |
| On the stability of open population large scale system Hang Gao | FX. Le Dimet |
| Hang Gao | |
| Temperature control system of heat exchangers —an application of DPS theory Guangyuan Huang et al | |
| —an application of DPS theory Guangyuan Huang et al | |
| Guangyuan Huang et al | |
| Robust stabilization and finite dimensional controler design about a class of distributed parameter systems Shun-ju Hu and Yian-Qin Xu | |
| design about a class of distributed parameter systems Shun-ju Hu and Yian-Qin Xu | Robust stabilization and finite dimensional controler |
| Shun-ju Hu and Yian-Qin Xu | design about a class of distributed parameter systems |
| The asymptotic regulator design for nonlinear flexible structures with arbitrary constant disturbances Chengzi Li | Shun-ju Hu and Yian-Qin Xu |
| structures with arbitrary constant disturbances Chengzi Li | The asymptotic regulator design for nonlinear flexible |
| Chengzi Li | |
| Optimal control for infinite dimensional systems Xunjing Li | |
| Xunjing Li | |
| Numerical resolution of ill posed problems R. Luce and J. P. Kernévez | |
| R. Luce and J. P. Kernévez | Numerical resolution of ill posed problems |
| Controllability and indentifiability for linear time-delay systems in Hilbert space S. Nakagiri | |
| time-delay systems in Hilbert space S. Nakagiri | |
| S. Nakagiri | |
| A generalized Hamilton-Jacobi-Bellman equation Shige Peng | |
| Shige Peng | |
| Dynamics and control of bending and torsional vibrations of flexible beams Yoshiyuki Sakawa and Zheng Hua Luo | |
| vibrations of flexible beams Yoshiyuki Sakawa and Zheng Hua Luo | Dynamics and control of hending and torrional |
| Yoshiyuki Sakawa and Zheng Hua Luo | vibrations of flexible beams |
| Strong solutions and optimal control for stochastic differential eautions in duals of nuclear spaces Rong Situ | |
| differential eautions in duals of nuclear spaces Rong Situ | Strong solutions and ontimal control for stochastic |
| Rong Situ | differential eautions in duals of nuclear spaces |
| Some new results on approximate controllability | |
| for semilinear systems | |
| or sommical systems | for semilinear systems |
| H W Com and V 7k- | U W Com and W 71 |

VIII

| Optimal control for a class of systems and its applications | |
|--|-----|
| in the power factor optimization of the nuclear reactor | |
| Miansen Wang, Zhifeng Kuang and Guangtian Zhu | |
| Single input controllability for spectral systems in Banach spaces | |
| Jingbo Wu | 171 |
| Distributed parameter systems with measure controls | |
| Jiongmin Yong | 176 |
| The existence and the uniqueness of optimal control of | |
| population evolution systems | |
| Jingyuan Yu, Ling Gao and Guangtian Zhu | 186 |
| Reachability for a class of nonlinear distributed systems | |
| governed by parabolic variational inequalities | |
| Y. Zhao, Y. Huang and W. L. Chan | 196 |
| Analysis of the boundary singularity of a singular optimal | |
| control problem | |
| Wei-Tao Zhang and De-Xing Feng | 203 |
| Analysis of the parabolic control system with a pulse-width | |
| modulated sampler | |
| Hong Xing Zhou | 211 |
| | |