

MATHEMATICAL REPORTS

VOL. 9(59)· No. 1· 2007

CONTENTS

Vladimir RĂSVAN Maria BATINETU-GIURGIU	<u>TOADER MOROZAN at his 70th birthday</u> Non-homogeneous linear feedback for optimal stabilization by boundary control of p -caloric equation, $p > 1$
Oswaldo L.V.COSTA and Rodrigo T.OKIMURA Vasile DRĂGAN, Tobias DAMM and Gerhard FREILING	Multi-period mean variance optimal control of Markov jump with multiaplicative noise systems Lyapunov iterations for coupled Riccati differential equations arising in connection with Nash differential games
Andrei HALANAY and Ioan URSU Corneliu A.MARINOV	Stability of equilibria in a model for electro-hydraulic servomechanisms Dynamical systems modelling computational circuits
Mihaela-Hanako MATCOVSCHI, Octavian PĂSTRĂVANU and Mihail VOICU Stefan MIRICĂ and Touffick BOUREMANI Valeriu PREPELIȚĂ	Novel results in the qualitative analysis of continuous-time bidirectional associative memories On the correct solution of a trivial optimal control problem in mathematical economics Stability of a class of multidimensional continuous-discrete linear systems
Vladimir RĂSVAN	"Lost" cases in the theory of stability for linear time delay systems
Adrian-Mihail STOICA and Isaac YAESH Dan TIBA, Gengsheng WANG and Masahiro YAMAMOTO	Stochastic Hopfield networks with multiplicative noise and jump Applications of convexity in some identification problems