

INTAS Summer school
 Nonlinear analysis with applications in Economics, Energy and Transportation
 5 - 9 June 2006
 Università degli studi di Bergamo
 Program

05/06/2006	Lectures	Chairman M.I.Bertocchi
9.30-10.30	Generalized convexity and generalized monotonicity in variational inequalities and equilibrium problems	S. Schaible
10.30-11.30	Generalized monotone variational inequalities and equilibrium problems	I.V. Konnov
	Coffee break	
12.00-13.00	Variational models and optimization	M.Pappalardo
	Lectures	Chairman S.Schaible
14.30-15.30	New approaches to the computing of financial operations effectiveness	E.Bronshstein
	Workshop	Chairman S.Schaible
16.00-16.30	Duality methods for the study of Hamilton-Jacobi equations	J.P.Penot
16.30-17.00	Combined relaxation methods for mixed equilibrium problems	S.Schaible
17.00-17.30	Variational Inequalities for Auction Market Problems	I.V.Konnov
06/06/2006	Lectures	Chairman J.P.Penot
9.30-10.30	Infinite Dimensional Duality and Applications to Dynamic Transportation Problems	A.Maugeri
10.30-11.30	Evolutionary Variational Inequalities and Projected Dynamical Systems Applied to Transportation Problems	A.Barbagallo
	Coffee break	
12.00-13.00	Recent advances in the theory and applications of projected dynamical systems and double-layered dynamics	M.Cojocaru
	Young researchers communications	Chairman M.Pappalardo
14.30-15.00	Entropy of the System titled «A Person – Road – Car – Environment»	S.Kovaleva
15.00-15.30	An approach to discrete convexity and its use in an optimal fleet mix problem	R.Riccardi
15.45-16.15	Properties of perturbed nonlinear maps with applications to chaos control	E.Gryazina
16.15-16.45	On Nonlinear Parametric Variational Inequalities	M.Bogdan
07/06/2006	Lectures	Chairman I.V.Konnov
9.30-10.30	Duality in consumer theory	J.E.Martinez-Legaz
10.30-11.30	Weird, but fit transforms. Applications to Hamilton-Jacobi equations and mathematical economics	J.P.Penot
	Coffee break	
12.00-13.00	Mixed type duality for vector problems	R.Cambini
	Young researchers communications	Chairman R.Cambini
14.30-15.00	Descent methods for smooth equilibrium problems	M.L.Bianchi
15.00-15.30	Minty variational inequalities in the study of a dynamic oligopoly	G.Crespi
15.45-16.15	Optimality and Duality in Nonlinear Programming Involving p -Semilocally B-preinvex and Related Functions	A.M.Stancu
16.15-16.45	Strong well-posedness properties of vector quasiconvex functions	M.Papalia
08/06/2006	Lectures	Chairman J.E.Martinez-Legaz
9.30-10.30	Complementarity model of architectures of gas and electricity markets	Y.Smeers
10.30-11.30	Variational Inequalities, Nash Games and Generalized Nash Games	F.Facchinei
	Coffee break	
12.00-13.00	Complementarity models of structures of gas and electricity markets	Y.Smeers
	Young researchers communications	Chairman A.Lapin
14.30-15.00	Iterative algorithm for finding equilibrium prices in a spatial electricity market	E.Kourbanova
15.00-15.30	Introduction of CO2 Emission Certificates in a Simplified Model of the Benelux Electricity Network with Small and Large Consumers	G.Oggioni
15.45-16.15	Asymmetric Price Adjustment Modeling: The Case of Moscow Gasoline Market	Z.Bakytzhanova
16.15-16.45	Alternative Options for the Design of Carbon Allowances Trading Scheme in Ukraine	O.Diukanova
16.45-17.15	Analysis of Some Nonlinear Hybrid Controlled Electromechanical Systems	E.Mul
09/06/2006	Lectures	Chairman E.Allevi
9.30-10.30	Iterative solution methods for generalized monotone variational inequalities	I.V.Konnov
10.30-11.30	Iterative methods for inclusions containing M-matrices and multivalued operators	A.Lapin
	Coffee break	
12.00-13.00	Flow control and resource allocation algorithms for mobile networks	O.Kashina
	Young researchers communications	Chairman A.Gnudi
14.30-15.00	Approximation and regularization of equilibrium problems in functional spaces	A.Stukalov
15.00-15.30	Iterative solution of finite-dimensional inclusions with m-mappings and diagonal multivalued operators	M.Ignatieva
15.45-16.15	Brezis - Haraux - type approximation of the range of a monotone operator composed with a linear mapping	R.J.Bot
16.15-16.45	An approach to solution of variational-like inequalities	N.Shamray
16.45-17.15	Environmental externalities and fiscal policy in an OLG model	C.Balestra