CURRICULUM VITAE - LETIZIA PELLEGRINI

Personal data

Surname	Pellegrini
Name	Letizia
Place and date of birth	Livorno (Italy), September 3rd, 1953
Work address	Department of Economics Via Cantarane 24 37129 Verona Italy Tel. (+39) 45 8428345 Fax (+39) 45 8028529 e-mail: letizia.pellegrini@univr.it

Education

1972-76	*Laurea* in Mathematics, University of Pisa, Italy
1977-79	Postgraduate School in Computer Science, University of Pisa, Italy

Academic Qualifications

1978-81	Research Fellow of National Research Council (CNR)
1981-92	Assistant Professor, Department of Mathematics, University of Pisa, Italy
1992-06	Associate Professor of Mathematical Methods for Economics, Faculty of Economics, University of Verona, Italy
2006-present	Full Professor of Mathematical Methods for Economics, Department of Economics, University of Verona, Italy

Referee

Journal of Optimization Theory and Applications, Journal of Global Optimization, Optimization Letters, Mathematical Reviews, Calcolo.

Scientific Memberships

Member of the Working Group on Generalized Convexity
Member of Equilibrium Models in Complex Systems (EMIS)
Member of the Italian Association of Mathematics Applied to Economic and Social Sciences (AMASES)
Member of Italian Mathematical Union (UMI)

Main Research Subjects

Optimization Theory
Operations Research
Mathematics for Economic Applications

Selected Publications

[1] G. MASTROENI, L. PELLEGRINI, A. PERETTI, *On linear problems with complementarity constraints,* Optimization Letters, Published online first: 08 January 2022. DOI: 10.1007/s11590-021-01836-8

[2] L. PELLEGRINI, *On Lagrangian Duality in Vector Optimization,* Journal of Nonlinear and Convex Analysis, Vol.21, No. 5, pp.1209-1218 (2020).

[3] L. PELLEGRINI, *Some Perspectives on Set-Valued Optimization via Image Space Analysis,* Journal of Optimization Theory and Applications, Vol.177, pp.811-815 (2018).
DOI 10.1007/s10957-018-1306-5

[4] L. PELLEGRINI, S ZHU, *Constrained Extremum Problems, Regularity Conditions and Image Space Analysis. Part II: The Vector Finite-Dimensional Case,* Journal of Optimization Theory and Applications, Vol.177, pp.788-810 (2018).
DOI 10.1007/s10957-018-1322-5

[5] G. MASTROENI, L. PELLEGRINI, *Image Space Analysis and Separation for G-Semidifferentiable Vector Problems,* Optimization, Vol.64, No.1, pp. 97-112 (2015).

[6] L. PELLEGRINI, *On Generalized Constrained Optimization and Separation Theorems*, Taiwanese Journal of Mathematics, Vol.15, N. 2, pp. 659-671 (2011).

[7] G. MASTROENI, L. PELLEGRINI, *Conic Separation for Vector Optimization Problems*, Optimization, Vol.60, pp. 129-142 (2011).

[8] F. GIANNESSI, A. MOLDOVAN, L. PELLEGRINI, *Metric Regular Maps and Regularity for Constrained Extremum Problems*, in "Nonlinear Analysis and Optimization II. Optimization", Edited by A. Leizarowitz, B.S. Mordukhovich, I. Shafrir, A.J. Zaslavski., Vol.514, pp.143-154, Contemporary Mathematics, Amer. Math. Soc., Providence, Rhode Island (2010).

[9] A. MOLDOVAN, L. PELLEGRINI, *On Regularity for Constrained Extremum Problems. Part I: Sufficient Optimality Conditions*, Journal of Optimization Theory and Applications, Vol.142, pp.147-163 (2009).

[10] A. MOLDOVAN, L. PELLEGRINI, *On Regularity for Constrained Extremum Problems. Part II: Necessary Optimality Conditions*, Journal of Optimization Theory and Applications, Vol.142, pp.165-183 (2009).

[11] G. MASTROENI, L.PELLEGRINI, *On the Image Space for Vector Variational Inequalies*, Journal of Industrial and Management Optimization, Vol.1, No.1, pp123-132 (2005).

[12] L. PELLEGRINI, *On Dual Vector Optimization and Shadow Prices*, RAIRO-Operations Research, Vol.38, pp. 305-317 (2004).

[13] F. GIANNESSI, L. PELLEGRINI, *Image Space Analysis for Vector Optimization and Variational Inequalities. Scalarization,* in "Combinatorial and Global Optimization", Edited

by P.M.Pardalos, A.Migdalas and R.Burkard, Worlds Scientific Publishing Co., pp.97-110 (2002).

[14] F. GIANNESSI, G. MASTROENI, L. PELLEGRINI, *On the Theory of Vector Optimization and Variational Inequalities. Image Space Analysis and Separation*, in "Vector Variational Inequalities and Vector Equilibria", Edited by F. Giannessi, Kluwer Academic Publishers, pp.153-215 (2000).

[15] L. PELLEGRINI, *On the industrial and mechanical applications of dual variables in linear programming*, Recherche Opérationelle / Operations Research, Vol.32, No.4, pp.425-435 (1998).

[16] L. PELLEGRINI, *Coercivity and image of constrained extremum problems*, Journal of Optimization Theory and Applications, Vol.89, pp.175-188 (1996).

[17] L. PELLEGRINI, *Some remarks on semistationarity and optimality conditions*, in "Nonsmooth Optimization: Methods and Applications", Edited by F. Giannessi, Gordon and Breach, London, pp.295-302 (1992).

[18] L. PELLEGRINI, *An extension of Hestenes necessary condition*; Journal of Optimization Theory and Applications, Vol.69, No.2, pp.297-309 (1991).

[19] L. PELLEGRINI, *On a Lagrangian sufficient optimality condition*; Journal of Optimization Theory and Applications, Vol.68, No.1, pp. 19-33 (1991).

[20] F. GIANNESSI, M. PAPPALARDO, L. PELLEGRINI, *Necessary optimality conditions via image problem*; in "Nonsmooth optimization and related topics", Edited by F.H.Clarke, V.F.Dem'yanov, and F.Giannessi, pp.185-217, Plenum Press (1989).

[21] A. CAMBINI, L. MARTEIN, L. PELLEGRINI, *A decomposition algorithm for a particular class of non-linear programs*; Proceedings of the First Meeting AFCET-SMF on Applied Mathematics, Palaiseau (Paris), September 1978, Imprimerie de l'Ecole Polytechnique, pp.179-189 (1978).