

CURRICULUM VITAE

JACQUELINE MORGAN

Current position

Full professor in Mathematical Methods for Economy and Finance, formerly Associate Professor of Mathematical Analysis. In the last years, she has been teaching Game Theory, Mathematical Methods for Decision Theory, Mathematics for Economy and Management, Optimization and Operation Research. Her scientific production concerned the following topics: Theory of Games (static and dynamic, scalar and multicriteria), Oligopolistic Markets, Stackelberg Problems, Economic Theory, Optimization and Bilevel Optimization (scalar and multicriteria), Variational and Quasi-Variational Inequalities (scalar and vector).

Recent organizational, scientific and editorial activities:

- Member of the Executive Committee of the International Society for Dynamic Games (2000-2004) and organizer of the International Workshop on Dynamic Games and Applications (Ischia, 1999); Guest Editor of the journal International Game Theory Review for a special issue, vol 2, 2000.
- Member of the Scientific Committee of the CITG (Interuniversity Center for Game Theory and Applications). Under its sponsorship, chairman of the XIV Italian Meeting on Game Theory and Applications (Ischia, July 2001).
- Member of The Scientific Committee of the XV Meeting on Game Theory and Applications (Urbino, 2003) and Guest Editor for a special issue of the journal International Game Theory Review, 2006.
- Member of the Scientific Committee of the Fifth Meeting on Game Theory (Seville, 2002) and Guest Editor for a special issue of the journal Annals of Operation Research, 2005.
- Member of the International Program Committee of the Symposium on Dynamic Games and Applications: Adelaide, Australia (2000), San Petersburg, Russia (2002) and Tucson, United States (2004), Sophia Antipolis, France (2006).
- Member of the Scientific Committee of the Spain Italy Netherlands Meetings on Game Theory in Maastricht (Netherlands, July 2005), Foggia (June 2006), Madrid (July 2007).
- Co-chairman of the Workshop on Game Theory for Networks (Pisa, October 2006).
- In charge of the CNR Project (2001): "Approximation and Approximate problems in Game Theory".
- Responsible of the Unit of Naples for the project supported by MIUR, Italian Ministry of University and Research (PRIN 2002), "Approssimazioni e applicazioni in teoria dei giochi".
- In charge of the project CNR-GNAMPA 2005 : "Problemi Quasi-Variazionali e i loro approcci vettoriale e/o dinamico".

Publications

- [82] G. De Marco and J. Morgan, "Friendliness and reciprocity in equilibrium selection", *International Game Theory Review*, Vol 9 (4), (2007).
- [81] J. Morgan and V. Scalzo, "Variational stability of social Nash equilibria", *International Game Theory Review*, Vol 9 (4), (2007).
- [80] J. Morgan and V. Scalzo, "Discontinuous but well-posed optimization problems", *SIAM Journal on Optimization*, Vol 17(3), (2007), 861-870.
- [79] M.B. Lignola and J. Morgan, "Convergence Results for Weak Efficiency in Vector Optimization Problems with Equilibrium Constraints", Vol. 132 (2), (2007), 773-784.
- [78] G. De Marco and J. Morgan, "Refinement Concept for Equilibria in Multicriteria Games via Stable Scalarizations", *International Game Theory Review*, Vol 9 (2),(2007), 1-13
- [77] J. Morgan and V. Scalzo, "Pseudocontinuous functions and existence of Nash equilibria", *Journal of Mathematical Economics*, Vol 43, (2007), 174-183.
- [76] J. Morgan and V. Scalzo, "Asymptotical behavior of finite and possible discontinuous economies", *Economic Theory*, (on line 21/12/2006).
- [75] J.Morgan and F. Patrone, "Stackelberg Problems: Subgame Perfect Equilibria Via Tikhonov Regularization?", *Annals of the International Society of Dynamic Games, Advances in Dynamic Games: Application to Economics, Management Sciences, Engineering and Environmental Management*, Birkhauser, (2006), 209-221.
- [74] M.B. Lignola, J. Morgan and V. Scalzo, "Vector Quasi-Variational Inequalities under Perturbations", *Pacific Journal Optimization*, Vol. 2 (3), (2006), 599-609.
- [73] M.B. Lignola and J. Morgan, "Alpha-well-posedness for Nash equilibria and for optimization problems with Nash equilibrium constraints", *Journal of Global Optimization*, Vol. 36 (3) (2006), 439-459.
- [72] J. Morgan and Romaniello M., "Generalized quasi-variational inequalities: duality under perturbations", *Journal of Mathematical Analysis and Applications*, Vol. 324, (2006), 773-784.
- [71] H. Bonnel and J. Morgan, "Semivectorial Bilevel Optimization Problem: a Penalty Approach", *Journal of Optimization Theory and Applications*, Vol. 131 (3), (2006).
- [70] M.B. Lignola and J. Morgan, "Vector Quasi-Variational Inequalities: Approximate Solutions and Well-Posedness", *Journal of Convex Analysis*, Vol. 13 (2), (2006), 373-384.
- [69] L. Mallozzi and J. Morgan, "On approximate mixed Nash equilibria and average marginal functions for two-stage three players games", *On Optimization with Multivalued Mappings: Theory, Applications and Algorithms*, Springer (2006), 97-107.
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- [67] L. Mallozzi and J. Morgan, "Oligopolistic markets with leadership and demand functions having possible discontinuities?", *Journal of Optimization Theory and Applications*, Vol. 125 (2), (2005), 393-407.
- [66] J. Morgan and V. Scalzo, "New results on value functions and applications to MaxSup and MaxInf problems", *Journal of Mathematical Analysis and Applications*, Vol. 300, (2004), 68-78.

- [65] J. Morgan, "Approximations and Well-Posedness in Multicriteria Games", *Annals of Operations Research*, Vol. 7 (4), (2005), 257-268.
- [64] D. Flam and J. Morgan, "Newtonian Mechanics and Nash Play", *International Game Theory Review*, Vol. 6 (2), (2004) 181-194.
- [63] J. Morgan and V. Scalzo, "Pseudocontinuity in Optimization and Nonzero Sum Games", *Journal of Optimization Theory and Applications*, Vol. 120, (2004), 181-197.
- [62] R. Branzei, J. Morgan, V. Scalzo and S. Tijs, "Approximate Fixed Point Theorems in Banach Spaces with Applications in Game Theory", *Journal of Mathematical Analysis and Applications*. Vol. 285, (2003), 619-628.
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- [57] M.B. Lignola and J. Morgan, "Existence for Optimization Problems with Equilibrium Constraints in Reflexive Banach Spaces". In G.P. Crispi, G. Giorgi, A. Guerraggio, D. La Torre, E. Miglierina and M. Rocca "Optimization in Economics, Finance and Industry" Milano: Datanova (Italy), (2002), 15-35.
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