

CURRICULUM VITAE BREVIS

RITA PINI

PERSONAL DATA

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EDUCATION

1979/1983 Degree in Mathematics, University of Milano, July 1983,
grade: 110/110 *cum laude*, supervisor: prof. P.M. Soardi,
thesis: "Bernstein's theorem on $SU(2)$ ".

ACADEMIC POSITION

2001/- Full Professor, University of Milano-Bicocca, Italy

1992/2001 Associate Professor, University of Milano (1992-1998), Uni-
versity of Milano-Bicocca (1998-2001), Italy

1987/1992 Researcher, University of Verona, Italy

RESEARCH INTERESTS

- equilibrium problems
- nonlinear optimization
- variational analysis
- generalized convexity, generalized monotonicity
- convexity in Carnot groups

SELECTED PROFESSIONAL SERVICES

Referee	SIAM Journal of Optimization, Mathematical Programming, Journal of Mathematical Analysis and Applications, Journal of Global Optimization, Journal of Optimization Theory and Applications, Journal of Convex Analysis, Optimization, European Journal of Operational Research, Numerical Functional Analysis and Optimization, Applied Mathematics Letters, Computers and Mathematics with Applications.
Reviewer	Zentralblatt MATH

LATEST PUBLICATIONS

1. M. Bianchi, G. Kassay, R. Pini, On a Sufficient Condition for Weak Sharp Efficiency in Multiobjective Optimization, to appear in *J. Optim. Theory Appl.* (2018)
2. M. Bianchi, I. Konnov, R. Pini, Limit vector variational inequality problems via scalarization, *First Online* (2018)
3. M. Bianchi, N. Hadjisavvas, R. Pini, Representative functions of maximally monotone operators and bifunctions, *Math. Progr. B* 168 (2018), 433-448
4. M. Bianchi, I. Konnov, R. Pini, Barrier methods for equilibrium problems, *Pure Appl. Funct. Anal.* 2 (2017), 1-10
5. Z.M. Balogh, A. Calogero, R. Pini, On the local boundedness of maximal monotone operators *Nonlinear Analysis-Theory, Methods and Applications* 148 (2017), 88-105
6. M. Bianchi, M., G. Kassay, R. Pini, Linear Openness of the Composition of Set-Valued Maps and Applications to Variational Systems, *Set-Valued Var. Anal.* 24 (2016), 581-595.
7. M. Bianchi, G. Kassay, R. Pini, Stability Results of Variational Systems Under Openness with Respect to Fixed Sets. *J. Optim. Theory Appl.* 164 (2015), no. 1, 92-108.
8. M. Bianchi, G. Kassay, R. Pini, Stability results of variational systems under openness with respect to fixed sets, *J. Optim. Theory Appl.* 164 (2015), 92-108
9. A. Calogero, R. Pini, On Minty's theorem in the Heisenberg group, *Nonlinear Anal.* 104 (2014), 12-20
10. M.H. Alizadeh, M. Bianchi, N. Hadjisavvas, R. Pini, On cyclic and n-cyclic monotonicity of bifunctions, *J. Global Optim.* 60 (2014), 599-616
11. Z.M. Balogh, A. Calogero, R. Pini, The Hopf-Lax formula in Carnot groups: a control theoretic approach, *Calc. Var. Partial Differential Equations* 49 (2014), 1379-1414

12. M. Bianchi, G. Kassay, R. Pini, An inverse map result and some applications to sensitivity of generalized equations, *J. Math. Anal. Appl.* 399 (2013), 279-290
13. M. Bianchi, E. Miglierina, E. Molho, R. Pini, Some results on condition numbers in convex multiobjective optimization, *Set-Valued Var. Anal.* 21 (2013) 47-65
14. A. Calogero, R. Pini, c horizontal convexity on Carnot groups, *J. Convex Anal.* 19 (2012) 541-567
15. M. Bianchi, G. Kassay, R. Pini, Conditioning for optimization problems under general perturbations, *Nonlinear Anal.* 75 (2012), 37-45
16. A. Calogero, R. Pini, Horizontal normal map on the Heisenberg group, *J. Nonlinear Convex Anal.* 12 (2011), 287-307
17. A. Calogero, R. Pini, Note on the Fenchel transform in the Heisenberg group, *J. Math. Anal. Appl.* 368 (2010), 69-79
18. M. Bianchi, G. Kassay, R. Pini, Well-posed equilibrium problems, *Nonlinear Anal.* 72 (2010), 460 - 468
19. M. Bianchi, I. Konnov, R. Pini, Lexicographic and sequential equilibrium problems, *J. Global Optim.* 46 (2010), 551-560
20. M. Bianchi, G. Kassay, R. Pini, Well-posedness for vector equilibrium problems, *Math. Methods Oper. Res.* 70 (2009), 171-182
21. A. Calogero, G. Carcano, R. Pini, On weakly H-quasiconvex functions on the Heisenberg group, *J. Convex Anal.* 15 (2008), 753-766
22. J. Mateu, R. Pini, E. Porcu, A. Zini, Modelling spatio-temporal data: a new variogram and covariance structure proposal, *Statist. Probab. Lett.* 77 (2007), 83-89
23. A. Calogero, G. Carcano, R. Pini, Twisted convex hulls in the Heisenberg group, *J. Convex Anal.*, 14 (2007), 607-619.
24. M. Bianchi, I. Konnov, R. Pini, Lexicographic variational inequalities, *Optimization*, 56 (2007), 355-367
25. M. Bianchi, G. Kassay, R. Pini, Ekeland's principle for vector equilibrium problems, *Nonlinear Anal.* 66 (2007), 1454-1464
26. A. Calogero, G. Carcano, R. Pini, Optimization in the Heisenberg group, *Optimization* 55 (2006), 387-403
27. M. Bianchi, R. Pini, Sensitivity for parametric vector equilibria, *Optimization* 55 (2006), 221-230
28. M. Bianchi, G. Kassay, R. Pini, Existence of equilibria via Ekeland's principle, *J. Math. Anal. Appl.* 305 (2005), 502-512
29. M. Bianchi, R. Pini, Coercivity conditions for equilibrium problems, *J. Optim. Theory Appl.* 124 (2005), 79-92

VISITING APPOINTMENTS

- Flinders University (Adelaide), and University of the New South Wales (Sydney) (July-August 1989)
- Flinders University (Adelaide), and University of the New South Wales (Sydney) (July-August 1990)
- Chalmers University of Technology (Göteborg) (August-November 1995)

TEACHING EXPERIENCE

The teaching experience includes the following courses delivered at Faculties of Economics and Schools of Sciences at the undergraduate and graduate level, as well as at the Ph.D. level

- Calculus
- Real Analysis
- Mathematics for Economics (Linear Algebra, Optimization, Dynamical Systems, Decision Theory)
- Measure Theory
- Functional Analysis
- Complex Analysis

Milan, May 14, 2018