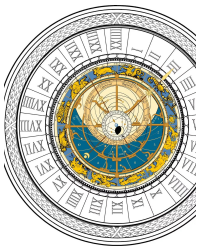
Curriculum Vitae*

Enzo Mitidieri



Enzo Mitidieri is a mathematician and professor with a focus on mathematical analysis. His career spans several decades, during which he has made contributions to various areas of mathematical analysis. Some key points about his background and research interests include:

Academic Positions

- Researcher at the Institute of Mathematics, University of Trieste (1983-1987).‘‘‘
- Associate Professor of Mathematical Analysis at the University of Udine (1988-1991).
- Associate Professor (1992-1993) and Full Professor (since 1994) at the University of Trieste.

Research Interests

- Focus on mathematical analysis, including the theory of monotone operators and generalizations.
- Emphasis on the asymptotic behaviour of solutions for abstract second-order differential equations and non-local equations.
- Application of variational and topological techniques to the study of nonlinear elliptic and parabolic problems.

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- Interest in the existence and non-existence of solutions for systems of partial differential equations.

Recent Work

- Involvement in problems related to existence, non-existence, and multiplicity of solutions for hyperbolic problems and higher-order quasilinear elliptic equations.
- Recent focus on linear and non-linear potential theory.

Publications

- Author of numerous scientific papers published in international mathematical journals.
- Authored ten edited volumes and two monographs, including works co-authored with Stanislav I. Pokhozhaev.

Monographs

- "A Priori Estimates and the Absence of Solutions of Nonlinear Partial Differential Equations and Inequalities" (2001), co-authored with Stanislav I. Pokhozhaev.
- "Blow-up for Higher-Order Parabolic, Hyperbolic, Dispersion and Schrödinger Equations" (2014), co-authored with V. Galaktionov and S. Pokhozhaev.

Conference Participation

- Referee for numerous international mathematical journals.
- Invited to give talks and seminars at various universities and research institutions worldwide.

Recognition

- Invited as a plenary speaker for the 100th birthday celebration of Academician Sergei Mikhailovich Nikol'skii by the Russian Academy of Sciences in 2005.
- Invited at the Riemann International School of Mathematics in Varese for a Conference in memory of Nobel Laureate John Forbes Nash Jr in 2015.

Professional Experience

- 1979-1983: Borsa di Studio CNR, Istituto di Matematica Università di Trieste
- 1983-1987: Ricercatore Universitario Analisi Funzionale, Dipartimento di Scienze Matematiche, Università di Trieste
- 1988-1991: Professore Associato - Analisi Matematica, Dipartimento di Matematica e Informatica, Università di Udine
- 1991-1994: Professore Associato - Analisi Superiore, Dipartimento di Scienze Matematiche, Università di Trieste
- Since 1994: Professore Ordinario - Analisi Matematica, Facoltà di Scienze M.F.N., Università di Trieste

Teaching Activity

- A.A.1980/89: Analisi Matematica I, Analisi Matematica II, Analisi Superiore, Analisi Matematica II, Analisi Funzionale (Univ. Trieste)
- A.A.1981/82: Seminari su Equazioni alle Derivate Parziali (Univ. Trieste)
- A.A.1982/83: Seminari di Analisi Funzionale (Univ. Trieste)
- A.A.1988/92: Analisi Matematica II (Univ. Udine)
- A.A.1992/24: Analisi Superiore, Analisi Matematica II, Analisi Funzionale, Analisi Matematica I, Equazioni differenziali (Corso di Laurea Magistrale in Matematica), Analisi Reale, Analisi di Fourier, Istituzioni di Analisi Superiore II (Univ. Trieste)

Doctoral Teaching

- A.A.1993/94: Maximum principles for elliptic systems (S.I.S.S.A).
- A.A.1999/2000: Stime a priori per soluzioni di equazioni e sistemi ellittici (S.I.S.S.A)
- A.A.2000/2001: Teoremi di non esistenza e applicazioni alla teoria delle equazioni alle derivate parziali, Università di Pisa.
- Seminari Specialistici alla SISSA e ICTP

- Evolution equations associated to monotone operators.
- Sum of maximal monotone operators.
- Periodic solutions of semilinear wave equation: Brezis-Coron theorems.
- Volterra integral equations in Hilbert spaces: Existence and asymptotic behaviour of solutions to Volterra equations in infinite dimensional spaces.

PhD Students

Lorenzo D'Ambrosio

SISSA PhD in Functional Analysis and Application

Discussed on October 23, 2002
PhD Thesis: Hardy Inequalities and Liouville type Theorems Associated to Degenerate Operators
PhD Supervisor: Enzo Mitidieri

Fabio Pezzolo

University of Trieste PhD in Mathematics

Discussed on March 25, 2022
PhD Thesis: On some multilinear type integral systems
PhD Supervisor: Enzo Mitidieri

Undergraduate Students Supervised

- **Omar Lakkis**, Università degli Studi di Trieste, 1996
- **Sandro Curzola**, Università degli Studi di Trieste, 1997
- **Atanasio Pantarrotas**, Università degli Studi di Trieste, 1997
- **Caterina Cusulin**, Università degli Studi di Trieste, 2001
- **Anna Dall'Acqua**, Università degli Studi di Trieste, 2001
- **Sara Noviello**, Università degli Studi di Trieste, 2003
- **Valentina Sanabor**, Università degli Studi di Trieste, 2005
- **Giulia Elena Bozzao**, Università degli Studi di Trieste, 2023

Organisational Activities and Other Activities

- Member of the Organizing Committee:
  - Variational Methods in Differential Problems, Trieste, September 1985.
  - Trends in Semigroup Theory and Applications, Trieste, September 1987.
  - Semigroup Theory and Evolution Equations, Delft (The Netherland), September 1989.
  - Reaction Diffusion Systems, Trieste, October 2-7, 1995.
  - Blow-up and Global Existence of Solutions of Nonlinear Parabolic and Hyperbolic Problems, Università di Trieste, September 27-29, 1999.
  - Matematica 2000, Università di Trieste, 1998, 1999, 2000.
  - Linear and Nonlinear Hyperbolic Equations, Grado, Italy, September 2001.
  - Liouville Theorems and Detours, INdAM Conference Cortona, May 18-24, 2008.
- Representative of the Boards of Deans on the Promotion PhD Committee, University of Delft - The Netherlands.

Referee Activities

- Annali della Scuola Normale Superiore di Pisa
- Bollettino della Unione Matematica Italiana
- Journal of Mathematical Analysis and Applications
- Journal of Differential Equations
- Advances in Differential Equations
- Advances in Nonlinear Analysis
- Mathematische Annalen
- Transactions of the American Mathematical Society
- Rocky Mountain Journal
- Differential and Integral Equations
- SIAM Journal of Mathematical Analysis
- Journal of Functional Analysis

- Annales Academiæ Scientiarum Fennicæ, Mathematica
- Communications in Partial Differential Equations
- Proceedings of the Royal Society of Edinburgh
- Mathematische Zeitschrift
- Bulletin of the Belgian Mathematical Society
- Proceedings of the American Mathematical Society
- Advanced Nonlinear Studies
- Annales de l'Institute Henry Poincaré
- Mathematical Methods in the Applied Sciences
- Nonlinear Analysis: Theory, Methods and Applications
- Nonlinear Analysis: Real World Applications
- Lectures Notes in Pure and Applied Mathematics, M.D. New York
- Quarterly Journal of Applied Mathematics Applications
- Proceedings of the Steklov Mathematical Institute
- Advances in Mathematics
- Duke Mathematical Journal
- Communications in Pure and Applied Mathematics
- Journal d'Analyse Mathématique

A Sample of Invited Research Talks

- Workshop on Recent Advances on the Theory of Evolution Equations, Trieste, June 1980.
- Conference on Differential Equations and Applications, Graz, June 3, 1981.
- Meeting Annuale GNAFA, Rimini, September 1981.
- Autumn Course on Variational Methods and Mathematical Physics, Trieste, October-December 1981.

- Department of Mathematics, New York University at Buffalo, August 1982.
- University of Buffalo (State of New York, USA), September 1982.
- Department of Mathematics, Vanderbilt University, Nashville, USA, September 1982.
- International Conference on Operator Semigroups, Graz, June 1983.
- Congresso UMI, Perugia, September 1983.
- Colloquium on Topological Methods in Nonlinear BVP for ODE, Trieste, May 1984.
- Nonlinear Oscillations for Conservative Systems, Venezia, January 1985.
- Equazioni Differenziali e Calcolo delle Variazioni, Pisa, February 1985.
- Equazioni Integrali e Calcolo delle Variazioni, Trieste, September 1985.
- Variational Methods in Differential Problems, Trieste, September 1985.
- Nonlinear Variational Problems, Isola d'Elba - Lacona, September 1985.
- A Course in Semigroup Theory and Applications, Trieste, November 1985.
- Volterra Integrodifferential Equations in Banach Spaces, Trento, February 1987.
- Calcolo delle Variazioni ed Equazioni alle Derivate Parziali, Trento, June 1987.
- Trends in Semigroup Theory and Applications, Trieste, September 1987.
- College on Variational Problems in Analysis, Trieste - ICTP, February 1988.
- Mathematische Institute Zurich, February 1988.
- Reaction Diffusion Systems, Heriot-Watt University - Edinburgh, May 27-June 2, 1988.
- Workshop on PDE, Campinas (Brazil) - IMECC UNICAMP, August 1988.
- Departamento de Matematica Universidade Brasilia (Brazil), September 1988.
- Colloquium, Università di Leiden (The Netherlands), October 1988.
- IAC, Roma, October 1988.
- Oberwolfach Meeting (Herbert Aman and Peter Hess), Metodi Analitici per le Equazioni di Evoluzione, May 1989.

- Giornate di Equazioni Differenziali, Roma, Dipartimento di Matematica Università Roma La Sapienza, June 15, 1989.
- Istituto di Ricerche Matematica Applicata (IRMA), Bari, July 11-12, 1989.
- Semigroup Theory and Evolution Equations: The Second International Conference, Delft (The Netherlands), September 1989.
- Topical Meeting on Variational Problems in Analysis, Trieste - ICTP, August 28 - September 8, 1989.
- Workshop on Nonlinear Differential Equations, Leiden - Math. Department, November 1989.
- Equazioni Differenziali, Trento - Villa Madruzzo, July 23-24, 1990.
- Università Complutense di Madrid, September 1990.
- Colloquium, Università di Delft (The Netherlands), July 1991.
- Differential Equations in Banach Spaces, Bologna, July 1991.
- Semigroups of Operators and Evolution Equations, Curacao (The Netherlands), June 1992.
- World Congress of Nonlinear Analysis, Tampa (USA), August 1992.
- Workshop on Nonlinear Differential Equations, Campinas (Brazil), June 1993.
- Symmetry and Asymptotics for Nonlinear Systems, Differential Equations Conference at Ohio University, August 1993.
- Analyse Dag, Delft (The Netherlands), October 1993.
- Conference on Schrödinger Operators, The Erwin Schrödinger International Institute for Mathematical Physics, Vienna, December 1993.
- Analysis Days, Delft (The Netherlands), June 1994.
- Semigroups and Evolution Equations, Scuola Normale Superiore, Pisa, September 1994.
- Analysis Year in Finland, Helsinki, February 1995.
- Analysis Days, Delft, The Netherlands, May 1995.
- Nonlinear Parabolic Equations, Trento, June 1995.

- Colloquium Analyse, Amsterdam, The Netherlands, May 1996.
- Fifth International Conference on Evolution Equations and Their Applications to Technology, Hiroshima, October 1996.
- The Delft Meeting on Functional Analysis and Nonlinear Partial Differential Equations, Delft (The Netherlands), May 1998.
- Third School on Nonlinear Functional Analysis and Applications to Differential Equations, ICTP (Trieste), October 1998.
- Giornate SISSA di Analisi Nonlineare, June 1999.
- Equazioni Differenziali e Problemi Variazionali, Udine, October 14-15, 1999.
- Delft-Leiden Analyse Colloquium, February 2000.
- Functional Analysis and PDE, Oberwolfach, March 2000.
- Partial Differential Equations and Related Topics, Università di Pisa, May 2000.
- Nonlinear Evolution Problems, Università de L'Aquila, September 2000.
- Evolution Equations 2000, Università di Trento, November 2000.
- Metodi Variazionali ed Equazioni Differenziali Nonlineari, Perugia, November 2000.
- Function Spaces, Approximation Theory: Steklov Mathematical Institute, Moscow, May 2001.
- Symposium on Partial Differential Equations to Celebrate the Seventy-Fifth Birthday of James Serrin, Perugia, June 24-28, 2002.
- The International INdAM Workshop Nonlinear Partial Differential Equations and Connected Geometrical Problems, Grado, Italy, September 2-4, 2003.
- Plenary Conference at: Function Spaces, Approximation Theory, Nonlinear Analysis, Moscow, May 23-29, 2005.
- Harnack Inequalities and Positivity for Solutions of Partial Differential Equations, Cortona (Italy), June 12-18, 2005.
- Workshop on Nonlinear Differential Equations, Como, September 10-15, 2006.
- Liouville Theorems in Riemannian and Sub-Riemannian Settings, University of Bologna, November 22-25, 2006.
- Convexity and Liouville Theorems, Politecnico di Milano, April 12-15, 2007.

- Workshop on Liouville Theorems, Dipartimento di Matematica Università di Bologna, June 20-23, 2007.
- Geometric Methods in PDEs: A Conference on the Occasion of the 65th Birthday of Ermanno Lanconelli, Bologna, May 27-30, 2008.
- International Workshop on Partial Differential Equations for the 80th Birthday of James Serrin, Perugia, June 25-26, 2008.
- Conferenze Scientifiche di Analisi Matematica: Omaggio a Calogero Vinti, Perugia, December 13, 2008.
- Giornata di Analisi Nonlineare: Problemi Ellittici Quasilineari: Stime a Priori, Positività e Applicazioni, Dipartimento di Matematica Università di Bari, December 4, 2009.
- Second Meeting of the Women of the Laplacian, Monopoli, June 3-6, 2010.
- Workshop in Honor of Patrizia Pucci's 60th Birthday: Nonlinear Partial Differential Equations, May 28 - June 1, 2012, University of Perugia, Perugia, Italy.
- Liouville Theorems Old and New, Martin-Luther-Universität Halle-Wittenberg Institut für Mathematik, Halle, Germany, July 2014.
- Nonlinear Phenomena in Mathematics and Economics: A Tribute to John Forbes Nash, RISM, Varese, September 14-18, 2015.
- Enzo Mitidieri, Università degli Studi di Trieste: Liouville Theorems in PDEs: Old and New, Seminario Matematico e Fisico di Milano, March 15, 2016.
- Two Days in Honor of the 65th Birthday of Cristian Gutierrez, Dipartimento di Matematica, Università di Bologna, June 9-10, 2016.
- INdAM Workshop on Geometric Properties for Parabolic and Elliptic PDEs (2nd Italian-Japanese Workshop), Cortona, June 20-24, 2016.
- 3rd Conference on Recent Trends in Nonlinear Phenomena, Dipartimento di Matematica e Informatica - Università degli Studi di Perugia, September 28-30, 2016.
- Colloquium del Dipartimento di Matematica ed Informatica dell'Università di Parma: Some Unexpected Liouville Theorems for a Semilinear Biharmonic Equation, November 23, 2016.
- James Serrin: From His Legacy to the New Frontiers, Dipartimento di Matematica e Informatica Università degli Studi di Perugia, January 30 - February 3, 2017, Sala della Partecipazione - Palazzo Cesaroni.

- I Teoremi di Cauchy - Liouville: Dalle Origini ai Giorni Nostri, Università di Perugia, June 21, 2017.
- Recent Advances in Nonlinear Analysis: On the Occasion of Vicentiu Radulescu's 60th Birthday, Levico Terme (Trento), Italy, May 28-30, 2018.
- Two Nonlinear Days in Urbino, July 12-13, 2018.
- RISM Workshop "Analysis and PDEs": The Conference Aims at Bringing Together Leading Scientists in Pure and Applied Nonlinear Analysis to Present High-Level Contributions on Recent Developments in Qualitative and Quantitative Analysis of Nonlinear Partial Differential Equations. It Will Be an Occasion for Celebrating Vicentiu Radulescu on the Occasion of His 65th Birthday, May 28-31, 2023, Riemann International School of Mathematics, Varese, Italy.
- Two Nonlinear Days in Urbino, July 4-5, 2024.

Visiting Professor

- University of Knoxville - Tennessee (USA), August-September 1982.
- University of Delft (Netherlands), May 15-30, 1986.
- University of Campinas - UNICAMP (Brazil), August-September 1988.
- Universidad Autónoma de Madrid, Madrid (Spain), September 1990.
- University of Leiden, Leiden (Netherlands), February 1992.
- University of Campinas - UNICAMP (Brazil), June 1993.
- University of Chile, Santiago (Chile), July 1993.
- University of Helsinki, February 1995.
- University of Delft (Netherlands), May 15-30, 1995.
- University of Campinas - UNICAMP (Brazil), June 1996.
- Université de Toulouse III (France), 1998.
- University of Houston (USA), July 1998.
- Steklov Mathematical Institute, Moscow, May 2001.
- Steklov Mathematical Institute, Moscow, May 2005.

Editorial Activities

- Editor in Chief, *Nonlinear Analysis A: Theory, Methods and Applications*, 2009-2019.
- Associated Editor, *Nonlinear Analysis: Theory, Methods and Applications*, 2006-2009.
- Associated Editor, *Nonlinear Analysis B: Real World Applications*, 2006-2012.
- Associated Editor, *Abstract and Applied Analysis*, 2000-2002.
- Associated Editor, *ISRN Mathematical Analysis*, 2010-2011.
- Editor in Chief, *Rendiconti dell'Istituto Matematico dell'Università di Trieste*, 1997-2003.
- Honorary Member of the Editorial Board, *Nonlinear Analysis: Theory, Methods and Applications*, since 2019.
- Honorary Member of the Editorial Board, *Rendiconti dell'Istituto Matematico dell'Università di Trieste*, since 2013.

Administrative Activities

- Director of the Department of Mathematics and Informatics, University of Trieste, 1997-2002.
- President of the Evaluation Committee of the University of Perugia, Selective procedure n. 1 Professorship University - Full Professor SC 01/A3 - SSD MAT/05 - 2024.
- Member of the Research Evaluation Committee (CVR) of the University of Trieste, 2021-2024.
- Collegi dei Dottorati - Componente, PHD09 - Scienze della Terra, Fluidodinamica e Matematica. Interazioni e Metodiche - XXXIII-XXXIV-XXXV Ciclo.

EC Human Capital and Mobility Scheme

1994-95 Network - Reaction Diffusion Equations

The European Commission provided funding as part of the Human Capital and Mobility scheme to support a network of universities involved with research in the mathematical study of reaction-diffusion equations. The network included:

- Heriot-Watt University, Edinburgh
- University of Crete, Herakleion
- Universidad Complutense de Madrid
- Technische Universiteit Delft
- Università di Trieste
- Université Toulouse

Permanent researchers: G. Caristi, E. Mitidieri, K. Rybakowski, L. de Simon, M. Ughi.

Areas of research: Topological and functional analytic methods in the study of nonlinear problems, singular solutions of semilinear elliptic systems, maximum principles for noncooperative systems, blow-up of solutions, classification and singular behaviour of parabolic systems.

Contact: Prof. Enzo Mitidieri, Dipartimento di Scienze Matematiche, Università degli Studi di Trieste, Piazzale Europa 1-34100 TRIESTE, ITALY. (e-mail mitidier@univ.trieste.it)

Publications

1. On the strong convergence of an iterative scheme related to subdifferentials, Bollettino UMI-6, 337-339 (1982).
2. Alcune osservazioni sul comportamento asintotico di una classe di equazioni di evoluzione del secondo ordine, Quaderno Matematico n.45 (1982).
3. Asymptotic behaviour of some second order evolution equations, Nonlinear Analysis T.M.A.(6), 1245-1252 (1982).
4. Some remarks on the asymptotic behaviour of the solutions of second order evolution equations, J. Math. Analysis & Appl. (107), 211-221 (1985).
5. Standing wave solutions for a system derived from the Fitzhugh-Nagumo equations for nerve conduction (with Gene Klaasen), SIAM J. Math. Anal. (4), 74-83 (1986).

6. Asymptotic behaviour of the solutions of second order difference equations associated to monotone operators (with G. Morosanu), Numer. Functional Analysis & Optimization, 8 (3&4), 419-434 (1985/86).

7. A maximum principle for an elliptic system and application to semilinear problems, Siam J. Math. Anal. 17, 836-849 (1986).

8. Existence for nonlinear functional differential equations (with Ioan Vrabie), Hiroshima Math. J. (17), 627-649 (1987).

9. Volterra integral equations associated with a class of nonlinear operators in Hilbert Spaces (with Mario Tosques), Annales Fac. des Sciences de Toulouse, Ser. V. N. 2, 23-40 (1987).

10. Positive solutions of some coercive anticoercive elliptic systems (with Gianni Mancini), Annales Fac. des Sciences de Toulouse - Vol. VIII, N. 3, 257-292 (1987).

11. Qualitative properties of solutions of Volterra equations in Banach Spaces (with Philippe Clément), Israel J. Math. Vol. 64, N. 1, 1-24 (1988).

12. Asymptotic behaviour of the solutions of a class of functional differential equations: Remarks on a related Volterra equation, J. Math. Analysis & Appl. (127), 423-434 (1987).

13. A class of strongly nonlinear functional differential equations (with Ioan Vrabie), Ann. Matematica Pura e Applicata (IV) - Vol. CLI, 125-147 (1988).

14. Nonlinear integrodifferential equations in Hilbert spaces: The variational case (with Mario Tosques), Pitman Research Notes in Mathematics, N. 190, 306-319 (1989).

15. Nonlinear integrodifferential equations in a Banach space (with Ioan Vrabie), Rend. Ist. Mat. Trieste - Vol. XX - Fasc. II, 283-299 (1989).

16. Estimates from below for the solution to a class of second order evolution equations, Diff. and Integral Equations, 3-N. 6, 1101-1111 (1990).

17. Maximum principles for linear elliptic systems (with Djairo G. de Figueiredo), Rend. Ist. Mat. Trieste - Vol. XXII - Fasc. E & II, 36-66 (1990).

18. Maximum principles for cooperative elliptic systems (with Djairo G. de Figueiredo), C.R. Acad. Sci. Paris, t. 310, Serie I, 49-52 (1990).

19. Differential inclusions governed by non convex perturbations of m-accretive operators (with Ioan Vrabie), Diff. and Int. Eq. - Vol. 2, N. 4, 525-531 (1989).

20. On the definition of critical dimension, 1-12 (unpublished manuscript) (1993).

21. Maximum principles for a class of non-cooperative elliptic systems (with Gabriella Caristi), Delft Prog. Rep. (14), 33-56 (1990).

22. Further results on maximum principles for non cooperative elliptic systems (with Gabriella Caristi), Nonlinear Analysis T.M.A. (17), N. 6, 547-558 (1991).

23. Positive solutions of semilinear elliptic systems (with Philippe Clément and Djairo G. de Figueiredo), Commun. in Partial Differential Equations, (17) (5&6), 923-940 (1992).

24. On positive supersolutions of superlinear elliptic problems (with Philippe Clément), Quaderno Matematico n. 286 (1992).

25. A Rellich type identity and applications, Commun. in Partial Differential Equations, (18) (1&2), 125-151 (1993). (Enzo Mitidieri., A Rellich identity and applications, Rapporti interni N. 25 (1990), Università di Udine, 1-35.)

26. Positive solutions for a quasilinear system via blow-up (with Philippe Clément and Raúl Manasevich), Comm. P.D.E, 18, 2071-2106 (1993).

27. Blow-up of positive solutions of a non-cooperative parabolic system (with Gabriella Caristi), Differential Integral Equations 6 (1993), no 1, 93–110.

28. Critical curve for a non variational system, notes 1993. unpublished manuscript (new version in Singular eigenvalue problems and critical dimensions, with Stanislav Pohozaev).

29. Blow-up estimates of solutions of a parabolic system (with Gabriella Caristi), Journal of Differential Equations, 113, N.2, 265-271 (1994).

30. Existence of a maximal solution for quasimonotone elliptic system (with Guido Sweers), Differential & Integral Equations, Vol. 7, N. 3-6, (1994).

31. Non existence theorems for systems of quasilinear partial differential equations (with Rob van der Vorst & Guido Sweers), Differential & Integral Equations, Vol. 8, N. 6, 1331-1354, (1995).

32. Nonexistence of positive solutions of systems of quasilinear differential inequalities (with Gabriella Caristi), Ann. Univ. Ferrara, - Sez. VII - Sc. Mat. Suppl. Vol. XLI (1995), pp. 151-165.

33. Weakly coupled elliptic systems and positivity (with Guido Sweers), Math. Nachr. 173, 259-286 (1995).

34. Solutions homoclines d'un système Hamiltonien non-borne et superquadratique (with Philippe Clément and Patricio Felmer), C. R. Acad. Sci. Paris, t. 320, Serie I, 1481-1484 (1995).

35. Blow-up estimates for a class of weakly coupled parabolic systems (with Gabriella Caristi), 1-10, (1995) (unpublished manuscript).

36. Nonexistence of positive solutions of a general class of quasilinear elliptic inequalities in unbounded domains (with Stanislav Ivanovich Pohozaev), 1–35, (1995) (unpublished manuscript).

37. Nonexistence of positive solutions of semilinear elliptic systems in $\mathbb{R}^n$, Differential & Integral Equations, Vol. 9, N. 3, 465-479, (1996). (Enzo Mitidieri, Nonexistence of positive solutions of semilinear elliptic systems in $\mathbb{R}^n$, Quaderno Matematico, 285 (1992), Università degli Studi di Trieste).

38. Quasilinear elliptic equations with critical exponents (with Djairo de Figueiredo and Philippe Clément), Topological Methods in Nonlinear Analysis, Vol. 7, 1996, 133-170.

39. On a Modified Capillary Equation (with Philippe Clément, Raúl Manásevich), Journal of Differential Equations, Vol. 124, No. 2, Jan 1996, pp. 343-358.

40. A priori estimates for positive solutions of semilinear elliptic systems via Hardy-Sobolev inequalities (with Philippe Clément and Djairo G. de Figueiredo), Pitman Research Notes in Mathematics, N. 343, 73-91 (1996).

41. Nonexistence of positive solutions of quasilinear equations (with Gabriella Caristi), Advances in Differential Equations, Vol. 2, N. 3, 319-359, (1997).

42. On a class of semilinear elliptic systems (with Philippe Clément), Nonlinear Evolution Equations and Applications, Research Institute for Mathematical Science - Kyoto (1997), pp. 132-140.

43. Homoclinic Orbits for a class of infinite dimensional Hamiltonian systems (with Philippe Clément and Patricio Felmer), Annali della Scuola Normale Superiore di Pisa, Serie IV. Vol. XXIV. Fasc. 2 (1997), pp. 367-393.

44. Existence and Non-existence of Positive Singular Solutions for a Class of Semilinear Elliptic Systems (with Marta Garcia-Huidobro, Raul Manasevich and Cecilia Yarur), Arch. Rational Mech. Anal. 140 (1997), pp. 253-284.

45. Global existence of solutions and formation of singularities for a class of hyperbolic systems (with Daniele Del Santo and Vladimir Georgiev), Geometrical optics and related topics - Progress in Partial Differential Equations, Birkhäuser, Boston-New York, F. Colombini and N. Lerner Eds., PNLDE 32, Birkhäuser, Boston (1997), pp. 117-140.

46. Strongly indefinite systems with critical Sobolev exponents (with Joost Hulshof and Rob C.A.M. van der Vorst), Trans. Amer. Math. Soc. 350 (1998), pp. 2349-2365.

47. Liouville Theorems for Elliptic Inequalities and Applications (with Isabeau Birindelli), Proc. of the Royal Society of Edinburgh, 128 A, 1217-1247 (1998).

48. Isolated Singularities of Polyharmonic Equations (with Gabriella Caristi and Ramon Soranzo), Atti del Seminario Matematico e Fisico dell'Università di Modena, Atti in onore del Prof. Calogero Vinti, Suppl. al Vol. XLVI (1998), pp. 257-294.

49. Nonexistence of global solutions for a hyperbolic system: the critical case (with Daniele Del Santo), Differential Equations, 34 (1998), pp. 1-7.

50. The absence of Global Positive Solutions to Quasilinear Elliptic Inequalities (with Stanislav Ivanovich Pohozaev), Doklady Mathematics, Russian Academy of Sciences, Vol. 57, No. 2 (1998), pp. 250-253.

51. Some Existence and Non-existence results for a Homogeneous Quasilinear Problem, (with Philippe Clément and Raul Manasevich), *Asymptotic Analysis* **17**, (1998), pp. 13–29.

52. Existence of the Principal Eigenvalue for Cooperative Elliptic Systems in a General Domain, (with Isabeau Birindelli and Guido Sweers), *Differential Equations* **35**, no. 3 (1999), 325–333.

53. Nonexistence of positive solutions for quasilinear elliptic problems on $\mathbb{R}^n$, (with Stanislav I. Pohozaev), *Proceedings of the Steklov Institute of Mathematics*, Vol. **227** (1999), 186–216.

54. Nonexistence of Positive Solutions for a Systems of Quasilinear Elliptic Equations and Inequalities in $\mathbb{R}^n$, (with Stanislav Ivanovich Pohozaev), *Doklady Mathematics*, Russian Academy of Sciences, Vol. **59**, No. 3 (1999), pp. 351–355.

55. A simple approach to Hardy inequalities, *Math. Notes* **67** (2000), 479–486, translation from *Mat. Zametki* **67** (2000), 563–572.

56. Existence of Positive Solutions for a Nonvariational Quasilinear Elliptic System, (with Philippe Clément, Jacqueline Fleckinger, F. de Thélin), *Journal of Differential Equations* **166**, No. 2 (2000), 455–477.

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Enzo Mitidieri is present in two lists: "World's Top 2% Scientists 2024" drawn up by "Stanford University (USA)". https://topresearcherslist.com/