
CURRICULUM VITAE

Elisabetta Michetti

PERSONAL INFORMATION

Place and Date of Birth: *Fermo, 17 febbraio 1974*

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PRESENTATION IN BRIEF

I am an Associate Professor (since 2011) in *Mathematical methods for economics and for actuarial and financial sciences* at University of Macerata (Italy), Department of Law and Economics. In 2017, I obtained the Italian National Scientific Qualification (ASN) for Full Professorship in the scientific fields of *Mathematical methods for economics and for actuarial and financial sciences* and *Economic Policy*.

At University of Macerata, I teach courses of Financial Mathematics (3-year Bachelor Degree), Financial Mathematics Lab (3-year Bachelor Degree), Basic Mathematics (3-year Bachelor Degree) and Mathematical Methods for Economics and Finance (2-year Master Degree, also taught in English). I also teach courses in the PhD Programme *Quantitative Methods for Policy Evaluations*. I undertook teaching placements abroad as part of mobility schemes.

My research focuses on dynamical models, ranging from applications in microeconomics (cobweb models, duopoly models) to those in macroeconomics (economic growth, international financial crises, population dynamics, overlapping generations models, corruption and evasion, epidemiology) and finance (asset pricing models). I am the author or co-author of many publications in international scientific journals with Impact Factor, most of which indexed in Scopus and in WoS (Q1 Journals), and many of which top ranked (A) by the Italian National Agency for the Evaluation of Universities and Research (ANVUR) in the area of Economics and Statistics. I gave several talks at international conferences and served in the organizing committee for some of them.

At University of Macerata, I serve on several governance boards and committees. I am Pro-Vice-Chancellor (Library Services), elected member of the Research Committee (CAR13), member of the Disciplinary Board, member of the PhD committee in *Quantitative Methods for Police Evaluation* Board, member of the *Excellence in Research* Committee, and sit on the Regional Committee of the Library Management System. At National level I served as member of GEV13a for the evaluation agency (ANVUR) during VQR15-19.

POSITIONS

- since 15/12/2011: ASSOCIATE PROFESSOR SECS-S/06 - Mathematical methods for economics and for actuarial and financial sciences - University of Macerata (UniMc), Department of Economics and Law
- since 5/4/2017: achievement of NATIONAL SCIENTIFIC QUALIFICATION – FULL PROFESSOR, competition Sector 13/D4 - Mathematical Methods for Economics and for Actuarial and Financial Sciences
- since 1/8/2017: achievement of NATIONAL SCIENTIFIC QUALIFICATION – FULL PROFESSOR, competition Sector 13/A2 - Economic Policy
- from 14/02/2005 to 14/12/2011: RESEARCHER Scientific Disciplinary Sector SECS-S/06 - Mathematical Methods for Economics and for Actuarial and Financial Sciences - UniMc, Department of Economic and Financial Institutions
- from 1/9/2003 to 13/2/2005: GRANT holder of the RESEARCH ASSESSMENT "The use of the instruments typical of the theory of discrete dynamical systems in economics" Department of Economic and Financial Institutions of the UniMc

RESEARCH ACTIVITIES (selection)

- since September 2022: MEMBER OF THE NATIONAL PROJECT "Percorsi di cittadinanza e legalità: storie di diritti raccontati (d)agli studenti", funded by MUR
- since July 2022: WP LEADER - Work Package 4: Tools and solutions for technology transfer – within PNRR funding projects "Ecosistemi dell'Innovazione", titled "Innovation, digitalisation and sustainability for the diffused economy in Central Italy", Spoke 7 (University of Macerata) - Smart solutions and educational programs for anti-fragility and inclusivity
- April-December 2021: HEAD OF THE PROJECT for digitization, metadating, conservation and online display of a part of the archival heritage and part of the political posters of the Documentation Center of political parties in the Marche in contemporary times, financed by the Ministry of Culture-General Directorate of Archives in response to public tender
- from 2/9/2019 to 20/12/2019: RESPONSIBILITY OF SCIENTIFIC RESEARCH: direction, coordination and supervision of the research activity of Dr. Malgorzata Guzowska (from the University of Szczecin, Poland), winner of the Visiting Scholar 2015 call of the UniMc, lasting 2 months, on "Discretization of continuous growth models: Local and Global Dynamics in a Discrete Ramsey Model"
- 2017: ASSEGNATION OF MINISTERIAL RESEARCH FUNDS: beneficiary of the FFABR (Fund for the Funding of Basic Research Activities) awarded on the basis of a competitive call MIUR
- from 24/4/2017 to 30/6/2017: RESPONSIBILITY OF SCIENTIFIC RESEARCH: direction, coordination and supervision of the research activity of Dr. Malgorzata Guzowska (from the University of Szczecin, Poland), winner of the Visiting Scholar 2015 call of the UniMc, lasting 2 months, on the theme "Discrete dynamical systems in economics"
- from November 2014 to the end of 2017: SCIENTIFIC RESPONSIBILITY OF THE FEDESSA RESEARCH PROJECT "The ultimate impact of the HIV/AIDS epidemics on FErtility and perspectives on economic and social DEvelopment in Sub-Saharan Africa", ranked first among the projects funded by the UniMc on the basis of a competitive call for peer review (evaluation by two anonymous external auditors, (The research group was drawn by computer procedure from experts belonging to databases of international auditors, certified by the Directorate-General for Research of the European Commission) and subsequently directed and coordinated by the research group, which is characterized by collaborations at international level
- from 21 to 26 August 2016: RESEARCH FELLOWSHIP on "Global Attractors and Oscillatory Regimes of Discrete Non-Autonomous Dynamical Systems with Applications in Economics" Department of Mathematics, Faculty of Mathematics and Informatics, State University of Moldova
- from 3/3/2015 to 30/6/2015: RESPONSIBILITY OF SCIENTIFIC RESEARCH: direction, coordination and supervision of the research activity of Dr. Deccy Yaneth Trejos Angel (from the Universidad Distrital Francisco

José de Caldas, Colombia), winner of the Visiting Scholar 2013 call of the UniMc, lasting 3 months, on "Stability and bifurcation analysis of an epidemic discrete model"

-from 28/11/2016 to the present: PARTICIPATION IN COST-ACTION, CA15217 "Ocean Governance for Sustainability-challenges, options and the role of science", MC Substitute for Italy

-since 15/7/2016: COST external expert

-from 25/1/2016 to 11/3/2016: Expert evaluator of the 2016 Marie Skłodowska-Curie Action 'Innovative training Networks' (ITN), engineering (ENG) panel

-from 3/11/2014 to 29/1/2015: RESPONSIBILITY OF SCIENTIFIC RESEARCH, direction, coordination and supervision of the research activity of Dr. Lilia Mercedes Ladino Martines (from the Universidad de los Llanos, Colombia), winner of the Visiting Scholar 2013 announcement of the UniMc, lasting 3 months, on "Discrete models of population dynamics with factors of recruitment, predation and capture"

-June-July 2013: Reviewer of n. 2 PRIN 2012 projects, on behalf of the Ministry of Education, University and Research

-from 17/10/2011 to 17/10/2013: PARTICIPATION IN PRIN 2009 "Structural change and growth" (national scientific officer Prof. Neri Salvadori, local scientific responsible Prof. Cristiana Mammana)

-years 2008-2009-2010: RESPONSIBILITY OF SCIENTIFIC RESEARCH "Complex dynamics in models with heterogeneous agents", financed by the UniMc

-years 2004-2005: MIUR EX 40% RESEARCH PARTICIPATION "Non-linear dynamic models in economics and finance" (national scientific responsible Prof. Laura Gardini, local scientific responsible Prof. Maurizio Ciaschini)

- since 2005: Reviewer for more than 60 international indexed journals

CONFERENCES (Participation and Organization)

Since 2001 over 60 talks at national and international conferences, invited seminars, organized seminars, and served in the organizing committee for some of them.

A selection follows.

-22-24 September 2022: Co-organizing of the Special Session "Nonlinear Dynamical Models in Economics, Finance and Social Sciences", XLVI CONVEGNO A.M.A.S.E.S., Palermo, Italy

- 25-29 July 2022: Member of the Organizing Committee of the International Conference ISDG20202, 19TH INTERNATIONAL SYMPOSIUM ON DYNAMIC GAMES AND APPLICATIONS, Porto, Portugal

- 7-9 September 2017: Member of the Organizing Committee of the International Conference NED 2017, 10TH INTERNATIONAL CONFERENCE ON NONLINEAR ECONOMIC DYNAMICS, Pisa, Italy

- 28 June-1 July 2016: Member of the Scientific Committee of the 12th Intl CONFERENCE ON VIBRATION MEASUREMENTS BY LASER AND NONCONTACT TECHNIQUES, Ancona, Italy

- 4 September 2010: Member of the Organizing Committee of the XXXIV CONVEGNO AMASES (Association for Applied Mathematics in Economic and Social Sciences), UniMc, Italy

- 12-14 September 2007: Member of the Organizing Committee of the International Conference CLADAG, SIXTH SCIENTIFIC MEETING OF THE CLASSIFICATION AND DATA ANALYSIS GROUP OF THE ITALIAN STATISTICAL SOCIETY, UniMc, Italy

HONOURS AND AWARDS

17/1/2002: PRIZE FOR SCIENTIFIC ACTIVITY FOR MASTER DEGREE THESIS IN ECONOMY "ANGELO COSTA" (fourth edition - year 2000) awarded by Confindustria, consisting in the publication in the Journal of Economic Policy of an excerpt from the thesis entitled "Chaos and Learning Effects in Cobweb Models".

TEACHING

Courses at the Department of Economics and Law in first degree, Master degree and PhD Programme (Quantitative Methods for Policy evaluations): General Mathematics, Financial Mathematics, Mathematical Methods for Economics and Finance, Algebra, Optimization, Dynamical Systems, Applications with MatLab.

GOVERNANCE BOARDS AND COMMITTEES (selection)

- since 27/04/2022: MEMBER OF THE WORKING GROUP ON OPEN SCIENCE, at University of Macerata
- since 25/03/2022: MEMBER OF THE WORKING GROUP ON RESERACH (VQR/evaluation/journals) of "Consulta delle Associazioni Scientifiche di Ambito Economico"
- from 2020 to 2022 : MEMBER OF GEV13A (Expert evaluation group) for National Research Evaluation VQR15-19
- since June 2019: MEMBER OF THE DISCIPLINARY BOARD of the UniMc
- since 28 September 2017: MEMBER OF THE COORDINATION GROUP OF PROJECT INCLUSION 3.0, a project of the UniMc for the implementation of inclusive policies and practices
- since 8 September 2017: MEMBER OF THE MANAGEMENT COMMITTEE OF THE REGIONAL LIBRARY SYSTEM for the UniMc, with tasks of direction, management and programming of the POLO SBN of the Marche Region (it also includes the Marche Region, the University of Urbino, the Municipalities of Macerata, Fermo and Jesi)
- since September 2017: MEMBER OF PRO-3 PROJECT: INNOVATION OF DIDACTICS, project of the UniMc on innovative didactics financed by MIUR (Ministry)
- since 19/11/2016: VICE-RECTOR FOR THE LIBRARY SYSTEM of the UniMc (administrative reference structure: University Centre for Library Services).
- since 19/11/2016: MEMBER OF THE LIBRARY COMMISSION OF THE CRUI (Conference of Italian Rectors) of the UniMc (administrative reference structure: University Centre for Library Services)
- since 15/5/2015: ELECTED MEMBER OF RESEARCH COMMITTEE IN ECONOMIC SCIENCES AND STATISTICS (CAR 13) - body composed of 5 members and responsible for the evaluation of the research activities of the professors of Area 13, UniMc
- since a.y. 2014-2015: MEMBER OF THE PHD COMMITTEE OF THE RESEARCH DOCTORATE IN QUANTITATIVE METHODS FOR POLICY EVALUATIONS and supervision of several Master's Degree Thesis and PhD students
- since 2013: MEMBER OF THE EXCELLENCE IN RESEARCH COMMITTEE of the UniMc
- a.y. 2012-2013: MEMBER of the PhD Assessment Commission, Ph.D. in Physics and Mathematics, of the Mathematics Department of the University of Castilla-La Mancha, Albacete, Spain.

PUBLICATIONS (selection)

- PANCHUK, I. SUSHKO, E. MICHETTI, R. COPPIER (2022). Revealing bifurcation mechanisms in a 2D nonsmooth map by means of the first return map. COMMUNICATIONS IN NONLINEAR SCIENCE AND NUMERICAL SIMULATION, *to appear*
- F. GRASSETTI, C. MAMMANA, E. MICHETTI (2022). Asset price-GDP cross feedback. The role of dividend policies in a dynamic setting. COMMUNICATIONS IN NONLINEAR SCIENCE AND NUMERICAL SIMULATION, online first, DOI: <https://doi.org/10.1016/j.cnsns.2022.106888>
- F. GRASSETTI, C. MAMMANA, E. MICHETTI (2022). *Nonlinear dynamics in real economy and financial markets: The role of dividend policies in fluctuations*. CHAOS, SOLITONS AND FRACTALS, vol. 160, no 112191, DOI: 10.1016/j.chaos.2019.109420. DOI: <https://doi.org/10.1016/j.chaos.2022.112191>

- F. GRASSETTI, C. MAMMANA, E. MICHETTI (2022). A dynamical model for real economy and finance. *MATHEMATICS AND FINANCIAL ECONOMICS*, vol. 16(2), p. 345–366, DOI: <https://doi.org/10.1007/s11579-021-00311-3>
- L. GORI, C. MAMMANA, P. MANFREDI, E. MICHETTI (2021). Economic development with deadly communicable diseases and public prevention. *JOURNAL OF PUBLIC ECONOMIC THEORY*, p. 1-32, online first DOI: 10.1111/jpet.12560
- R. COPPIER, E. MICHETTI, L. SCACCIA (2021). Industrial structure and evasion dynamics, is there any link? *METROECONOMICA*, DOI: 10.1111/meca.12364, online first
- R. COPPIER, F. GRASSETTI, E. MICHETTI (2021). Non-compliant behavior in public procurement: an evolutionary model with endogenous monitoring. *DECISIONS IN ECONOMICS AND FINANCE*, vol. 44(1), p. 459-483, DOI: 10.1007/s10203-021-00317-y
- F. GRASSETTI, M. GUZOWSKA, E. MICHETTI (2020). A dynamically consistent discretization method for Goodwin Model. *CHAOS, SOLITONS AND FRACTALS*, vol. 130, no 109420, DOI: 10.1016/j.chaos.2019.109420.
- S. BRIANZONI, R. COPPIER, E. MICHETTI (2019). Evolutionary effects of non compliant behavior in public procurement. *STRUCTURAL CHANGE AND ECONOMIC DYNAMICS*, vol. 51, p. 106-118.
- F. GRASSETTI, C. MAMMANA, E. MICHETTI (2019). Capital, labour and economic growth. The influence on fluctuations. *Contributo in volume: Crescita economica, tutela dei diritti e ruolo delle istituzioni*, a cura di T. Febbrajo e M. Ricci, ed. EUM, Macerata, p. 65-81.
- L. FANTI, L. GORI, C. MAMMANA, E. MICHETTI (2019). Inherited tastes and endogenous longevity. *MACROECONOMIC DYNAMICS*, vol. 23, p. 674-698, doi:10.1017/S1365100516001322.
- F. GRASSETTI, G. HUNANYAN, C. MAMMANA, E. MICHETTI (2019). A note on the influence of saving behaviors on economic growth. *METROECONOMICA*, vol. 70(3), p. 442-457, DOI: 10.1111/meca.12210.
- L. FANTI, L. GORI, C. MAMMANA, E. MICHETTI (2018). A model of growth with inherited tastes *DECISIONS IN ECONOMICS AND FINANCE*, S.I. : Stability and Bifurcations in Nonlinear Economic Systems, DOI:10.1007/s10203-018-0221-4, vol. 41-2, p. 163-186
- F. GRASSETTI, C. MAMMANA, E. MICHETTI (2018). On the effect of labour productivity on growth. Endogenous fluctuations and complex dynamics. *DISCRETE DYNAMICS IN NATURE AND SOCIETY*, vol. 2018 (id 6831508), p. 1-9, DOI: 10.1155/2018/6831508, ISSN: 1026-0226. *Contributo su invito*.
- F. GRASSETTI, C. MAMMANA, E. MICHETTI (2018). Poverty trap, boom and bust periods and growth. A non-linear model for non-developed and developing countries. *DECISIONS IN ECONOMICS AND FINANCE*, S.I. : Stability and Bifurcations in Nonlinear Economic Systems, vol. 41-2, p. 145-162
- M. GUZOWSKA, E. MICHETTI (2018). Local and global dynamics of Ramsey model: from continuous to discrete time. *CHAOS: AN INTERDISCIPLINARY JOURNAL OF NONLINEAR SCIENCE*, 28, 5, p. 1-20.
- F. GRASSETTI, C. MAMMANA, E. MICHETTI (2018). Substitutability between production factors and growth. An analysis using VES production functions. *CHAOS, SOLITONS AND FRACTALS*, vol. 113, p. 53-62, DOI: 10.1016/j.chaos.2018.04.012.
- C. MAMMANA, E. MICHETTI (2018). Symmetric Maps on the Plane: Mathematical Properties and Numerical Experiments. *MDPI Proceedings*, 2, 16.
- L. GORI, E. MICHETTI (2016). The dynamics of bequeathed tastes with endogenous fertility. *ECONOMICS LETTERS*, 149, p. 79-82, DOI: 10.1016/j.econlet.2016.10.018.
- D. CHEBAN, C. MAMMANA, E. MICHETTI (2016). The Structure of Global Attractors for Non-autonomous Perturbations of Discrete Gradient-like Dynamical Systems. *JOURNAL OF DIFFERENCE EQUATIONS AND APPLICATIONS*, vol. 22-11, p. 1673-1697, DOI: 10.1080/10236198.2016.1234616.
- L. FANTI, L. GORI, C. MAMMANA, E. MICHETTI (2016). Multistability and Complex Basins in a Nonlinear Duopoly with Price Competition and Relative Profit Delegation. *CHAOS: AN INTERDISCIPLINARY JOURNAL OF NONLINEAR SCIENCE*, 26, 093110, p. 1-17.
- L. GORI, C. MAMMANA, E. MICHETTI (2016). Infection Transmission and Economic Growth. Some Preliminary Results. *PROCEEDINGS OF ISERD INTERNATIONAL CONFERENCE*, p. 24-29, ISBN: 978-93-85973-91-8
- L. LADINO, C. MAMMANA, E. MICHETTI, J. VALVERDE (2016). Border Collision Bifurcations in a Generalized Model of Population Dynamics. *DISCRETE DYNAMICS IN NATURE AND SOCIETY*, vol. 2016 (id 9724139), p. 1-13, DOI: 10.1155/2016/9724139, ISSN: 1026-0226

- L. LADINO, C. MAMMANA, E. MICHETTI, J. VALVERDE (2016). Discrete Time Population Dynamics of a Two-Stage Species with Recruitment and Capture. *CHAOS, SOLITONS AND FRACTALS*, vol. 85, p. 143-150, DOI: 10.1016/j.chaos.2016.01.032.
- F. GRASSETTI, C. MAMMANA, E. MICHETTI (2015). Variable Elasticity of Substitution in the Diamond Model: Dynamics and Comparisons. *CHAOTIC MODELING AND SIMULATION*, vol. 4, p. 265-275.
- L. FANTI, L. GORI, C. MAMMANA, E. MICHETTI (2015). The Dynamics of a Duopoly Game with Relative Profit Delegation. Global Academic Institute. *GAI INTERNATIONAL ACADEMIC CONFERENCES PROCEEDINGS*, p. 365-370, ISBN: 978-0-9965808-1-6.
- S. BRIANZONI, L. GORI, E. MICHETTI (2015). Dynamics of a Bertrand duopoly with differentiated products and nonlinear costs: analysis, comparisons and new evidences. *CHAOS, SOLITONS AND FRACTALS*, vol. 79, p. 191-203, DOI: doi:10.1016/j.chaos.2015.05.014
- L. FANTI, L. GORI, C. MAMMANA, E. MICHETTI (2015). Market Share Delegation in a Bertrand Duopoly: Synchronisation and Multistability. *DISCRETE DYNAMICS IN NATURE AND SOCIETY*, vol. 2015 (id 394810), p. 1-13, DOI: 10.1155/2015/394810, ISSN: 1026-0226
- E. MICHETTI (2015). Complex Attractors and Basins in a Growth Model with Nonconcave Production Function and Logistic Population Growth Rate. *MATHEMATICS AND COMPUTERS IN SIMULATION*, (2015), p.215-232, DOI: 10.1016/j.matcom.2013.09.001
- S. BRIANZONI, C. MAMMANA, E. MICHETTI (2015). Local and global dynamics in a neoclassical growth model with nonconcave production function and nonconstant population growth rate, *SIAM JOURNAL ON APPLIED MATHEMATICS*, vol. 75-1, p. 61-74, DOI: 10.1137/130946289
- C. MAMMANA, E. MICHETTI (2015). Qualitative Dynamics and Numerical Evidences in a Business-cycle Model with Non-concave Production Function and Variable Population Growth Rate. *PROCEEDINGS OF THE INTERNATIONAL CONFERENCE OF NUMERICAL ANALYSIS AND APPLIED MATHEMATICS 2014 (ICNAAM-2014)*, AIP (American Institute of Physics), 1648, 850034, DOI: 10.1063/1.4913089, ISBN: 978-0-7354-1287-3
- D. CHEBAN, C. MAMMANA, E. MICHETTI (2015). Non-autonomous Difference Equations: Global Attractor in a Business-Cycle Model with Endogenous Population Growth. *DYNAMIC SYSTEMS AND APPLICATIONS*, vol. 24, p. 17-33
- S. BRIANZONI, R. COPPIER, E. MICHETTI (2015). Multiple Equilibria in a Discrete Time Growth Model with Corruption in Public Procurement. *QUALITY AND QUANTITY*, vol 49(6), p. 2387-2410, DOI: 10.1007/s11135-014-0119-3, ISSN: 1573-7845
- L. FANTI, L. GORI, C. MAMMANA, E. MICHETTI (2014). Local and Global Dynamics in a Duopoly with Price Competition and Market Share Delegation. *CHAOS, SOLITONS AND FRACTALS*, vol. 69, p. 253-270, DOI: 10.1016/j.chaos.2014.10.006, ISSN: 0960-0779
- P. COMMENDATORE, E. MICHETTI, F. PURIFICATO (2013). Financial Development and Agglomeration. *MPRA WORKING PAPER* n.4825
- L. FANTI, L. GORI, C. MAMMANA, E. MICHETTI (2013). An OLG Growth Model with Inherited Tastes and Exogenous Longevity: Local and Global Dynamics. *EUROPEAN RESEARCH STUDIES: PROCEEDINGS OF 2013 INTERNATIONAL CONFERENCE ON APPLIED BUSINESS & ECONOMICS*, ISSN: 1108-2976
- L. FANTI, L. GORI, C. MAMMANA, E. MICHETTI (2013). The Dynamics of a Bertrand Duopoly with Differentiated Products: Synchronization, Intermittency and Global Dynamics. *CHAOS, SOLITONS AND FRACTALS*, vol. 52, p. 73-86, ISSN: 0960-0779
- D. CHEBAN, C. MAMMANA, E. MICHETTI (2013). Global Attractors of Quasi-Linear Non-Autonomous Difference Equations: a Growth Model with Endogenous Population Growth. *NONLINEAR ANALYSIS: REAL WORLD APPLICATIONS*, vol. 14(2013), p. 1716-1731, ISSN: 1468-1218, doi: 10.1016/j.nonrwa.2012.11.007
- S. BRIANZONI, C. MAMMANA, E. MICHETTI (2013). A Neoclassical Growth Model with Non Concave Production Function and Non Constant Population Growth Rate: Local and Global Dynamics. *PROCEEDINGS OF 2013 INTERNATIONAL CONFERENCE ON ECONOMICS AND SOCIAL SCIENCES*, Organized by International Foundation for Research and Development, p. 286-298, ISSN: 2307-7549

- S. BRIANZONI, C. MAMMANA, E. MICHETTI (2012). Wealth Distribution in an Asset Pricing Model: the Role of the Switching Mechanism. *APPLIED MATHEMATICAL SCIENCES*, vol. 6-9, p. 423-442, ISSN: 1312-885X
- S. BRIANZONI, C. MAMMANA, E. MICHETTI (2012). Variable Elasticity of Substitution in a Discrete Time Solow-Swan Growth Model with Differential Saving. *CHAOS, SOLITONS AND FRACTALS*, vol. 45-1, p. 98-108, ISSN: 0960-0779, doi: 10.1016/j.chaos.2011.10.004
- S. BRIANZONI, C. MAMMANA, E. MICHETTI (2012). Asset Pricing Model with Heterogeneous Agents: the Wealth Dynamics. *INTERNATIONAL JOURNAL OF PURE AND APPLIED MATHEMATICS*, vol. 76-5, p. 669-698, ISSN: 1311-8080
- S. BRIANZONI, C. MAMMANA, E. MICHETTI (2012). Local and Global Dynamics in a Discrete Time Growth Model with Nonconcave Production Function. *DISCRETE DYNAMICS IN NATURE AND SOCIETY*, vol. 2012 (id 536570), p. 1-22, ISSN: 1026-0226
- S. BRIANZONI, C. MAMMANA, E. MICHETTI (2012). A Neoclassical Business-Cycle Model: Multiple Equilibria and Complex Dynamics. *CHAOS AND COMPLEX SYSTEMS*, SPRINGER VERLAG, NY, ISBN: 9783642339141
- S. BRIANZONI, R. COPPIER, E. MICHETTI (2011). Complex Dynamics in a Growth Model with Corruption in Public Procurement. *DISCRETE DYNAMICS IN NATURE AND SOCIETY*, vol. 2011 (id 862396), p. 1-27, ISSN: 1026-0226
- S. BRIANZONI, C. MAMMANA, E. MICHETTI (2010). Updating Wealth in an Asset Pricing Model with Heterogeneous Agents. *DISCRETE DYNAMICS IN NATURE AND SOCIETY*, vol. 2010 (id 676317), p. 1-27, ISSN: 1026-0226, doi: 10.1155/2010/676317
- S. BRIANZONI, R. CERQUETI, E. MICHETTI (2010). A Dynamic Stochastic Model of Asset Pricing with Heterogeneous Beliefs. *COMPUTATIONAL ECONOMICS*, vol. 35(2), p. 165-188, ISSN: 0927-7099, doi: 10.1007/s10614-009-9189-z
- S. BRIANZONI, C. MAMMANA, E. MICHETTI (2010). Asset Price and Wealth Dynamics as Adaptive Belief System. *NONLINEAR DYNAMICS, PSYCHOLOGY AND LIFE SCIENCES*, vol. 14, p. 85-100, ISSN: 1090-0578
- S. BRIANZONI, E. MICHETTI, I. SUSHKO (2010). Border Collision Bifurcations of Superstable Cycles in a One-Dimensional Piecewise Smooth Map. *MATHEMATICS AND COMPUTERS IN SIMULATION*, vol. 81(1), p. 52-61, ISSN: 0378-4754
- S. BRIANZONI, C. MAMMANA, E. MICHETTI (2010). Complex Dynamics in an Asset Pricing Model with Updating Wealth. *CHAOTIC SYSTEMS: THEORY AND APPLICATIONS*. p. 43-50, Christos H. Skiadas and Ioannis Dimotikalis, World Scientific Publishing, ISBN: 9789814299718
- P. COMMENDATORE, E. MICHETTI, A. PINTO (2010). Multiple Equilibria and Endogenous Cycles in a non-linear Harrodian Growth Model. *CHAOTIC SYSTEMS: THEORY AND APPLICATIONS*. p. 59-66, Christos H. Skiadas, Ioannis Dimotikalis, World Scientific Publishing, ISBN: 9789814299718
- S. BRIANZONI, C. MAMMANA, E. MICHETTI (2009). Non-linear Dynamics in a Business-Cycle Model with Logistic Population Growth. *CHAOS, SOLITONS AND FRACTALS*, vol. 40, p. 717-730, ISSN: 0960-0779, doi: 10.1016/j.chaos.2007.08.041
- D. CHEBAN, C. MAMMANA, E. MICHETTI (2009). Global Attractors of Nonautonomous Difference Equations. *BULETINUL ACADEMIEI DE TIINE A REPUBLICII MOLDOVA. MATEMATICA*, vol. 1(59), p. 45-57, ISSN: 1024-7696
- S. BRIANZONI, C. MAMMANA, E. MICHETTI (2008). Global Attractor in Solow Growth Model with Differential Savings and Endogenous Labor Force Growth. *MODELLING, MEASUREMENT & CONTROL. D, MANUFACTURING, MANAGEMENT, HUMAN AND SOCIO-ECONOMIC PROBLEMS*, vol. 29, p. 19-37, ISSN: 1240-4551
- C. MAMMANA, E. MICHETTI (2008). Chaos in a Class of Maps on the Interval: the Case of a Small Open Economy with Credit Constraint. *MODELLING, MEASUREMENT & CONTROL. D, MANUFACTURING, MANAGEMENT, HUMAN AND SOCIO-ECONOMIC PROBLEMS*, vol. 29, p. 58-69, ISSN: 1240-4551
- C. MAMMANA, E. MICHETTI (2008). Endogenous Instability in Credit-Constrained Emerging Economies with Leontief Technology. *DISCRETE DYNAMICS IN NATURE AND SOCIETY*, vol. 2008 (id 196494), p. 1-16, ISSN: 1026-0226, doi: 10.1155/2008/196494
- S. BRIANZONI, C. MAMMANA, E. MICHETTI, F. ZIRILLI (2008). A Stochastic Cobweb Dynamical Model. *DISCRETE DYNAMICS IN NATURE AND SOCIETY*, vol. 2008 (id 219653), p. 1-18, ISSN: 1026-0226

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