

Curriculum Vitae – Evgenios P. AVGERINOS

Curriculum Vitae

Proposed role in the project:

Family name: AVGERINOS

First names: EVGENIOS

Date of birth: 20-March 1958

Nationality: Greek

Civil status: Married w 3 children

Education:

Institution (Date from - Date to)	Degree(s) or Diploma(s) obtained:
Aristotle University of Thessaloniki Univ of California, Davis, (1985 – 1989)	Ph.D. Applied Mathematics and Applications Phd Thesis (9/1989) Title (Evolution Inclusions and Optimal Control Of Nonlinear Distributed Parameter Systems) (Excellent)
Aristotle University of Thessaloniki, (1981- 1985)	Diploma and MSc in Civil Engineering
National and Capodistrian University of Athens (1976 – 1981)	Diploma in Mathematics

Language skills: Indicate competence on a scale of 1 to 5 (1 - excellent; 5 - basic)

Language	Reading	Speaking	Writing
Greek (native)	1	1	1
English	1	1	1

Honors & Awards:

- I have been awarded for four years (2/1986-10/1989) a research and teaching fellowship from the National Scholarship Foundation, Ministry of Education, Athens, Greece for the Graduate Studies for my Doctoral Thesis in the School of Technology of the University of Thessaloniki and the University of California, at Davis, U.S.A.

PROFESSIONAL EXPERIENCE

Academic positions held

- 2005-today Professor of “Mathematics, Mathematics Education and Training”, Department of Education, University of Aegean, Rhodes, Greece
- 1997-2005 Associate Professor, Department of Education, University of Aegean, Rhodes, Greece
- 1993-1997 Assistant Professor, Department of Mathematics, Karlovassi, University of Aegean, Samos, Greece

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- 1990-1993 Assistant Professor (Adjunct Instructor), Department of Mathematics, University of Aegean, Samos, Greece
- 1985-1989 Research and Teaching Assistant, Polytechnic School of Technology, Department of Mathematics, Aristotle University, Thessaloniki, Greece and Department of Mathematics, University of California at Davis, USA

Administration and other positions held

- 2001 – Today, Director of the Mathematics, Didactics and Multimedia Laboratory, (MathLabRhodes) Department of Education, University of Aegean, Rhodes, Greece
- 2005-2007 Chairman of the Department of Education, University of Aegean, Rhodes, Greece
- 1998-2007 --Member of the Research Committee of the University of Aegean, Greece
- 2005-2008 Chairman of the “Alexandros Delmouzos” School of Further Education and Training of Teachers of Primary school Level, (Didaskaleion), Department of Education, University of Aegean, Rhodes, Greece
- 2004-2009 Chairman and Director of the Postgraduate Studies Programme "Education Sciences - Education with the Use of New Technologies", Department of Education, University of Aegean, Rhodes, Greece , Web: www.pre.aegean.gr/pms-ntedu

TEACHING EXPERIENCE

Present position:

- University of the Aegean, Department of Education, School of Humanities, Professor, (1997 – up to date) Teaching in graduate and Postgraduate Level, Research and Innovation.
- Hellenic Open University (2006 – 2007), (2013- up-date) Senior Lecturer in MSM51 Postgraduate Thematic Course “Didactics of Mathematics through Philosophy and History of Mathematics”,

Teaching at the University of the Aegean, Department of Education

Teaching at the University of the Aegean, Department of Mathematics

1981 - 1986 Taught Mathematics in Secondary Education Institute (High School level) in Thessaloniki for Preparation students to succeed in the General Examination Registry System for the Greek Universities.

1986 - 1989 Teaching/Research Assistant (2/1986-10/1989): at Department of Mathematics, School of Technology, Aristotle University of Thessaloniki, Greece

Assisted in teaching introductory Calculus courses, with recitation sessions.

Taught introductory Courses in Applied Mathematics, Complex Analysis, Ordinary Differential Equations, Stochastic Differential Equations for the Department of Chemical Engineering, the Department of Mechanical Engineering, the Department of

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Electrical Engineering at the School of Technology as sole instructor, including preparation, administration, grading of exams and quizzes.

Served as grader of homework and exams in upper level undergraduate courses in Partial Differential Equations and in Complex Analysis.

Served as Research Assistant, and became experienced with FORTRAN programming, Mathematica, Maple computing and graphing, LaTeX, AMSTeX, TeX editing in PC and SUN/UNIX computer environment. Also acquired working knowledge of CAD/CAM, software.

Presented research articles and/or topics from advanced textbooks of Differential Equations, Functional Analysis, Evolution Inclusions, Probability Theory in workshops organised by the Faculty of the Mathematics Dept. such as: Reliability Theory, Weak Convergence of Stochastic Processes, General Theory of Markov Kernels, Time Series, Martingale Theory, Stochastic Analysis. Participated in the Graduate Committee of the Mathematics Department Faculty, as an elected representative of the body of graduate students.

1990-1993 as Assistant Professor (Adjunct Instructor), and

1993- 1997 as Assistant Professor at the Department of Mathematics, University of the Aegean, Karlovassi, Samos, Greece delivered courses on Functional Analysis(Year 3), Convex Analysis and Optimization(Years 3 and 4), Calculus of Variations and introduction to Optimal Control Theory(Year 3), Calculus(Years 1 and 2), Ordinary Differential Equations(Year 2), Mathematical Economics(Year 3).

In particular, for the years 1991-1996 I organized the “Mathematical Analysis Laboratory” teaching a four-credit hour modern course in Calculus for the Mathematics students Year 1

I have been invited for talks in Multivalued Analysis in autumn of 1997 as visiting professor from Dip. Di Matematica Pura e Applicata at Univ. d. studi L’Aquila, Italy.

Teaching at Other Institutions and Universities

Teaching at the University of Athens

2004-2007 (Visiting Professor) Postgraduate Program in Mathematics and Mathematics Education, Department of Education , Division of Mathematics, University of Athens, Greece. Representations and Learning in Mathematics, Mathematics Education and History of Mathematics Teaching Didactics of Mathematical Analysis

Teaching at the University of Cyprus

2003 (Visiting Professor) Faculty of Education, University of Cyprus, (Erasmus scholarship Programme) teaching the courses EDU 171 Basic Concepts in Mathematics I (Undergraduate), EDU 272 Topics from Modern Mathematics (Undergraduate), EDU 675 Contemporary trends in research in Mathematics education (Graduate)

2007-2008 and 2012-2013 (Visiting Professor) Faculty of Education, University of Cyprus, teaching the (Undergraduate) and (Graduate) courses, EDU 171 Basic Concepts in Mathematics I (Undergraduate), EDU 331 Mathematics Education (Undergraduate), EDU 671 Cognitive Analysis of Mathematics learning (Postgraduate), EDU 675 Contemporary trends in research in Mathematics education (Postgraduate), EDU 677 Theories of Representation and Educational Teaching (Postgraduate) EDU 678 Affect and Mathematics Learning (Postgraduate), EDU 684 Space, Visualization and Reasoning

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in Geometry (Postgraduate), EDU 672 History and Philosophy of Mathematics (Postgraduate), EDU 674 Mathematical Problem Solving (Postgraduate)

Teaching at the Greek Pedagogical Institute

2000-2007 Educational Assessment to prospective teachers in the framework of the Greek Pedagogical Institute preservice training programme

RESEARCH INTERESTS

- Mathematics: Non-Linear Analysis, Evolution Inclusions, Multivalued Analysis, Optimization, Optimal Control Theory, Deterministic and Stochastic Differential Equations, Mathematical Economics. Educational Applications which arise in mathematical and scientific studies.
- Mathematical Education: Didactics of mathematics, Didactics of Mathematical analysis, Mathematics History and Issues of Mathematics Philosophy for Teaching Mathematics with implementation of ICT, Mathematical Problem Solving and Problem Posing Theory and Practice, representations in the learning of mathematics, the role of pictures in problem solving, representations in the understanding of functions, History of Mathematics Education, epistemological - didactical and ontogenetic obstacles in the learning of mathematics, transition from elementary to secondary education and transition from secondary education to higher level education with respect to mathematics learning., Mathematics Education through ICT and Realistic Mathematical Education, Assesment in Mathematics using ICT

Referee/Reviewer -Membership in Editorial Boards

- Member of Editorial Board (referee/reviewer) of International Journals in Mathematics /Didactics of Mathematics, such as Mediterranean Journal for Research in Mathematics Education, Mathematical Reviews of A.M.S. (American Mathematical Society), Zentralblatt fur Mathematic/ Mathematics Abstracts της Heidelberger Akademie der Wissenschaften., Journal of Differential Inclusions και Collectanea Mathematica, Member of (S.I.A.M. Activity Group for Control and Systems Theory).

PARTICIPATION IN Professional Associations

Participation as a member of the following scientific societies

1. Hellenic (Greek) Mathematical Society
 2. A.M.S. (American Mathematical Society)
 3. S.I.A.M. (Society for Industrial and Applied Mathematics)
 4. Technical Chamber of Greece
 5. New York Academy of Sciences
- Member of the Central National Committee for the Registry Examinations in the Greek Universities for Students from Universities outside Greece (KEEME) for the years 1994-95, 1995-96 and 1996-97, as deputy of the University of the Aegean.

Computer literacy

- Windows Office suites: MS Office, MathType.
- Ubuntu Office suites: OpenOffice, LibreOffice.
- Web: authoring tools for creation of web pages, blogs, etc., video-conferencing;
- Desktop publishing: MS Publisher, Scribus.
- Management tools: MS Project, Spreadsheets.
- E-learning platforms: Moodle, WebCT, e-class.
- Educational technology tools: Concept/Mind mapping and brainstorming tools (MS Visio, Axon, Inspiration, Visual Understanding Environment), Scratch, Dynamic Geometry Interactive Software (The Geometers' Sketchpad, Cabri, GeoGebra, Cassiopia, graphers, etc.), Statistics (SPSS, Spreadsheets), CHIC, Logic (Tarski World) and others.
- Video editing: Pinnacle Studio, Movie maker.

Organisation of international conferences

ORGANIZER OF INTERNATIONAL CONFERENCES AND Summer SCHOOLS

Participation as an organizer (Chairman/Member of the Organizing Scientific Committee) for the organization of the following Conferences and Summer Schools:

- as member of the Organizing Committee of the 9th ISIS Congress-Festival Symmetry: Art and Science. Special Theme: Labyrinth and Symmetry, Bali, Crete, Greece, 9-15 September 2013. Host, on behalf of ISIS.
- as Chairman of the Scientific and the Organizing Committee of the "2nd International Conference of Universities of Five Cities: Rhodes, Nicosia, Bologna, Palermo, Locarno", May 6-7, 2011, with organizers U of the Aegean, U of Cyprus, etc., Rhodes, Greece.
- • as Chairman of the Scientific Committee at the 8th International Conference on Current Trends in Economics, Kos, June 2007 with organizers, the Society of the Advancement of Economic Theory, The University of the Aegean, Mathematics and Mathematics Education Laboratory, the European Economic Community, The University of Piraeus, the NTUA National Technical University of Athens, School of Mathematics and Physics, Purdue University at Indianapolis, USA with at least 380 participants in sessions of over 25 countries of the world
- • as Chairman of the Scientific Committee at the 5th Mediterranean Conference on Mathematics Education Rhodes, May 2007 with organizers of the University of the Aegean, the Greek Mathematical Society, the Cypriot Mathematical Society, the University of Cyprus, etc., with at least 200 participants in sessions of over 16 countries of the world
- • as Chairman of the Scientific and the Organizing Committee for the Conference "Technology and Education", Rhodes, June 2005 with organizers of ELME, EPY, Tech. Ed., Univ of the Aegean, .
- as Chairman of the Scientific and the Organizing Committee for the International Symposium Diversity of Mathematical Cultures in History, Rhodes, Greece, 1-3/9/2005.
- • as co-Chairman (with Ch. Aliprantis) of the Scientific Committee at the International Conference "6th International Conference on Current Trends in Economics", Rhodes,

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July 2003 with organizers, the Society of the Advancement of Economic Theory, The University of the Aegean, Mathematics and Mathematics Education Laboratory, the European Economic Community, The University of Piraeus, the NTUA National Technical University of Athens, School of Mathematics and Physics, Purdue University at Indianapolis, , USA with at least 340 participants in sessions of over 20 countries of the world

- as co-Chairman of the Organizing Committee at the Positivity II 2003 International Conference, Rhodes, July 2003 with organizers of the Society of the Advancement of Economic Theory, Aegean, the European Economic Community, Purdue University at Indianapolis, Springer-Verlag, etc
- as a member of the Scientific Committee, Organizing Committee November 2001 at the 18th Congress of the Hellenic Mathematical Society from 23-25 November 2001 in Rhodes.
- as (co-chair) Chairman of the Scientific Committee at the International Conference "4th International Conference on Current Trends in Economics: Labor Market Effects", Rhodes, July 1999 with organizers, the Society of the Advancement of Economic Theory, The University of the Aegean, Mathematics and Mathematics Education Laboratory, the European Economic Community, Economic University of Athens, the NTUA National Technical University of Athens, School of Mathematics and Physics, Purdue University at Indianapolis, USA with at least 330 participants in sessions of over 21 countries of the world
- as a member of the Scientific and Organizing Committee at the International Conference "History and Teaching of Mathematics" organized in Paros in September 1999 by the Department of Mathematics and Multimedia of the University of the Aegean and the Department of Mathematics, Sector Didactics of the Mathematical Education, of the University of Athens.
- as chairman of the Scientific Committee. Organizing Committee of "International Conference on Applied Analysis in the Archipelagos of the Aegean", July 1996, Karlovassi Samos (with 60 distinguished speakers in the area of Analysis and Economics from all over the world)
- as chairman of the Scientific and the Organizing Committee at the 2nd Summer School "Non-Linear Analysis" (with Topics: Applications of Functional Analysis in the Mathematical Economy etc.) organized with international participation and participation of Professors and delegates from all the universities in the country and Europe from 9 to 15 July 1995 in Karlovassi, Samos.
- as chairman of the Scientific and Organizing Committee at the 1st Summer School of "Non-Linear Analysis" (with Topics: Applications in Differential Equations etc) organized with international participation and participation of Professors and delegates from all the universities of the country from 2 to 9 July 1994, in Karlovassi, Samos.
- as a member of the European Committee at the International Conference on Current Trends in Economics: Theory and Applications, Kefallonia, May 22-28, 1995 with organizers of the Society of the Advancement of Economic Theory, the European Economic Community, Indiana University-Purdue University at Indianapolis,
- as a member of the Global and Local Organizing Committee at the World Conference "SECOND WORLD CONGRESS OF NONLINEAR ANALYSTS", July 10-17, 1996, Athens, Greece with UNESCO organizers, US Army Research Office USA-England, Florida Inst. Of Technology, USA etc.

• RESEARCH Grants PROGRAMS AND ACTIVITIES

I have been awarded for my research with the following research grants:

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- Scientific Coordinator of the of the Information Society (EPEAEK) management and completion with complete success of 20 Programs in the Dodecanese area. (2003-present)
- Scientific Coordinator of the in the KEPIS program of the Information Society EPEAEK (Assessment in ICT for educational Purposes) managing and finishing with 2500 successes. (2003-present)
- RESEARCH PROMOTION FOUNDATION'S FRAMEWORK PROGRAMME FOR RESEARCH, TECHNOLOGICAL DEVELOPMENT AND INNOVATION 2008 (RPF'S FP 2008)
- For the Project with code number 0308(BE)/03 and title "MULTIPLE REPRESENTATION FLEXIBILITY IN FUNCTION AND GEOMETRY UNDERSTANDING: THE SHIFT FROM HIGH TO MIDDLE SCHOOL" RESEARCH PROMOTION FOUNDATION'S FRAMEWORK PROGRAMME FOR RESEARCH, TECHNOLOGICAL DEVELOPMENT AND INNOVATION 2008 (RPF'S FP 2008)
- For the Project with code number 0308(BE)/03 and title "MULTIPLE REPRESENTATION FLEXIBILITY IN FUNCTION AND GEOMETRY UNDERSTANDING: THE SHIFT FROM HIGH TO MIDDLE SCHOOL"
- This Consortium Agreement ("Consortium Agreement") is made and entered into this From 1/12/2008 _to 30/11/2011 (the "Effective Date") by and among:
 - 1. University of Cyprus having its registered office at Kallipoleos 75 , P.O. Box 20537 Nicosia 1678, Cyprus, hereinafter referred to as "Host Organization",
 - 2. University of Aegean, having its registered office at Democracy avenue 1, Rhodes Greece P.O. Box 8510, hereinafter referred to as "Partner Organization",
 - 3. University of West Macedonia, having its registered office at Saint Demetris Park, Kozani, Greece P.O. Box 50 100, hereinafter referred to as "Partner Organization"
- And Equire Diderem EA 1547 Université Paris Diderot , having its registered office at Université Paris Diderot 2 place Jussieu CP 7018t 75251, hereinafter referred to as "Partner Organization"
-
- Scientific coordinator of the EPEAEK program "Reforming the Program of Studies of the University of , Aegean 2004- 2010 The program has a high absorption capacity and is among the four programs of the Aegean Sea (totaling 17 proposals), which received further funding from EPEAEK.
- Scientific coordinator of the EPEAEK NSPC Program Postgraduate study program "Education Sciences using New Technologies" of the University of the Aegean. 2004-2009. (The program closed with a high absorption rate of about 97%).
- Scientific coordinator of the Research Grant PENED95 (No. 678) from General Secretariat of Research and Technology of Ministry of Industry, Energy and Technology of Greece. Research topic: "Differential Inclusions and Optimal Economic Growth".
- Scientific coordinator of the Research Grant 0694(203) from the Research Committee of the University of Aegean. Research topic: " Variational Differential Inequalities and Applications in Optimal Control Theory".
- Scientific coordinator of the Research Grant 0293(151) from the Research Committee of the University of Aegean. Research topic: "Applications of Optimal Control Theory in Mathematical Economics".
- Scientific coordinator of the Research Grant (E110-1-1991) (with Prof. El. Flytzanis) from the Center of Economics Research of the Athens Economical University Committee of the University of Aegean. Research topic: " Optimal Control Systems and Mathematical Economics".

Key qualifications:

Fields of expertise

- Education, Audiovisual and Culture Executive Agency (EACEA): Horizon 2020, ERASMUS+, CREATIVE EUROPE and other funding programmes. Evaluation of

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proposals; Monitoring of actions; Preparation, implementation or evaluation of programmes and design of policies, since 2013.

- Academic evaluation of Greek and European Programmes (European Commission, Directorate General for Education and Culture, Erasmus + Program);
- Education & Research Project management;
- Distance learning;
- Innovative Curricula Development;
- Mathematics / Mathematics Education / Mathematics Education and Training with ICT; Intercultural education;
- Higher Education Research and Education policies;
- University management.

Specific experience in the region:

Country	Date from - Date to
Sweden	Uppsala 2001, European Programm ARION
Greece , Cyprus	1998-

SUPERVISION OF STUDENT RESEARCH

Supervisor of Doctoral Dissertations of:

- Supervisor of Doctoral Dissertations on Mathematics Education at the Department of Education, University of the Aegean. A number of the dissertations were completed over the last academic years (Manuel Kioulafas (2005), Andreas Marinos (2007) , Alexandra Skoufi (2012)) while others are in progress or expected to be completed in the current academic year (Roza Vlachou, Anastassios Sotirakis) and in the next years (Supervision of the graduate research study of Athanassios Karageorgiadis has received an award by the National Science Foundation (NSF) (2014-2018) of Greece, Demetra Remoundou, Nikolaos Manikaros and Luiza Themistokleous)
- Coordinator or member of scientific committees of numerous doctoral dissertations and master theses at Universities in Greece (Aegean, Athens, Cyprus, Patras).

Graduate

- Supervisor of Master Thesis Dissertations on Mathematics Education and/or Mathematics at the Department of Education of the University of the Aegean, and the University of Athens, University of Cyprus, Hellenic Open University for over 25 students (2004- up to date)

Publications

BOOKS Authorship AND Editing

1. Editor of the Volume “Functional Analysis and Economic Theory” (with Abramovich, Yuri (ed.); Yannelis, N.C.(ed.)) Berlin: Springer.- Verlag. viii, 296 p. (1998), ISBN 978-3-642-72222-6, <http://www.springer.com/la/book/9783642722240>
2. Editor of the Volume “Research on Mathematical Education and Mathematics Applications”. Rhodes, University of the Aegean, (2012). ISBN 978-960-93-3768-7 (with Gagatsis, A)
3. Editor of the volume "NEW TECHNOLOGIES AND EDUCATION SCIENCES ", Ed. PUBLICATIONS Metaichmio, Athens 2007, ISBN: 978-960-455-221-4 (with Kokkinos G., Papantonakis G., Sofos Alivizos)
4. Editor of the volume "Current trends in the contribution of new technologies in a qualitative university education", Dept of Education, Publications University of the Aegean, Athens 2009, ISBN 978-960-86791-4-6, pp. 271.
5. Editor of the Proceedings of the 11th Pancyprian Conference on Mathematical Education and Science, Cyp Math Soc Publications and University of Cyprus, Nicosia, February 2009, ISBN 978-9963-9277-8-4 (together with A. Gagatsis, A. Filippou , and P. Damianou).
6. Editor of the volume "Current Trends in Mathematics Education", Ed. Cyp Math Soc Publications and University of Cyprus, University of the Aegean, Rhodes 2007, ISBN 978-960-86791-4-6, pp. 271. (with A. Gagatsis).
7. Editor of the volume "New TECHNOLOGIES AND TRAINING", Ed. ION PUBLICATIONS, Athens 2006, Proceedings of the Conference "Technology and Education"
8. Editor of the volume “Non-Linear Analysis and Its Applications in Engineering and Economics”, 1997, mainly the chapters of the volume contain the Proceedings of the “International Conference on Applied Analysis in the Archipelagos of the Aegean”, July 1996, Karlovassi, Samos, Greece. (with N Papanastassiou)
9. "Convex Analysis and Optimization: An introduction", written notes from Lectures given in the Department of Mathematics, University the Aegean, Karlovassi, Samos (1996), for the corresponding course.
10. "Calculation of Variations and Introduction to Optimal Control Theory", written notes from Lectures given in the Department of Mathematics, University the Aegean,(1995) Karlovassi, Samos for the corresponding course.
11. "Didactics of Mathematics and Problem-Solving and Posing Methods", written notes from Lectures given in the Department of Mathematics and Education at University of Cyprus, , and at the Department of Education, University of the Aegean, Rhodes, (2010) for the corresponding course.

12. "Introduction to the basic concepts of Mathematics: Mathematics Matters for 1st Primary Education", Writing notes from university lectures at the Department of Education of the University of the Aegean in the corresponding lesson.
13. Invitation for authoring a volume on "Analysis for Optimal Control and Optimization" for the publishing house Marcel Dekker, Inc., New York, USA (2017). The content proposal and volume design has been accepted by the publisher for the Monographs and Textbooks in Pure and Applied Mathematics series.

Publications (Academic Research) at Refereed Journals (Evgenios P. Avgerinos)

Full-length academic articles in specialist refereed journals

1. E.P. Avgerinos-N.S. Papageorgiou, "Random nonlinear evolution inclusions in reflexive Banach spaces", *Proceedings of Amer.Math. Soc.*, Vol.104, Numb.1(1988),pp. 293-299.
2. E.P. Avgerinos-N.S. Papageorgiou, "Infinite Horizon Optimal Control Problems for Semilinear Evolution Equations", *Applicable Analysis*, Vol.31, (1989), pp. 267-278.
3. E.P. Avgerinos-N.S. Papageorgiou, "An existence theorem for an optimal control problem in Banach Spaces", *Bull.Austral. Math.Soc.*, Vol.39(1989), pp. 239-247.
4. E.P. Avgerinos-N.S. Papageorgiou, "Viable solutions for evolution inclusions", *Yokohama Mathematical Journal*, Vol.37, No2(1989), pp. 101-108.
5. E.P. Avgerinos-N.S. Papageorgiou, "Pareto optimality for nonlinear infinite dimensional control systems", *Intern.J.Math. and Math.Sci.*, Vol.13 (1990), pp. 233-242.
6. E.P. Avgerinos-N.S. Papageorgiou, "On the sensitivity and relaxability of optimal control problems governed by nonlinear evolution equations with state constraints", *Monatshefte fur Mathematic-Springer*, Vol.109, (1990), pp.1-23.
7. E.P. Avgerinos-N.S. Papageorgiou, "Variational stability of infinite dimensional control problems", *Int. J.Systems Sci.*, Vol.21(1990), No.8, pp. 1473-1488.
8. E.P. Avgerinos-N.S. Papageorgiou, "Optimal control and relaxation for a class of nonlinear distributed parameter systems", *Osaka Journal of Math.*, Vol.27(1990), No4, pp.745-767.
9. E.P. Avgerinos-N.S. Papageorgiou, "Non-convex perturbations of evolution equations with m-dissipative operators in Banach spaces", *Publ. Math. Debrecen*, Vol.38, 1-2(1991), pp. 93-101.

10. E.P. Avgerinos-E. Flytzanis-N.S. Papageorgiou, "On U-invariance for finite and infinite dimensional control systems", *Acta Mathematica Hungarica*, Vol.59, No.3-4(1992), pp. 309-318.
11. E.P. Avgerinos-N.S. Papageorgiou, "On the Solution set of Maximal Monotone Differential Inclusions in \mathbb{R}^n ", *Mathematica Japonica*, Vol.38, No.1/2, (1993), pp. 91-110.
12. E.P. Avgerinos, "On the existence of solutions for Volterra integral inclusions in Banach spaces", *Jour. Appl. Math. and Stoch. Anal.*, Vol. 6(3),(1993), pp. 261-270.
13. E.P. Avgerinos-N.S. Papageorgiou, "On Quasilinear Evolution Inclusions", *Glasnik Matematicki*, Vol. 28,(48) (1993), pp. 35-52.
14. E.P. Avgerinos, "Optimal Control Problems Involving Optimal Economic Growth with Infinite Horizon", *Applied Mathematics and Computation*, Vol. 80, (1994), pp. 1-19.
15. E.P. Avgerinos, "Relaxed Trajectories of Maximal Monotone Functional Differential Inclusions in \mathbb{R}^n ", *Mathematica Japonica*, Vol. 43, No. 1(1996), pp. 73-81.
16. E.P. Avgerinos, "On the Periodic Solutions of Multivalued Nonlinear Evolution Equations", *Journ. Math. Anal. Appl.*, Vol. 198, No. 3, March 15 (1996), pp. 643-656.
17. E.P. Avgerinos, "Optimal Control of Differential Inclusions with State Constraints", *Nonlinear Analysis Theory Math.Appl*, Vol. 26, No. 10, (1996), pp. 1691-1713.
18. E.P. Avgerinos -N.S. Papageorgiou "Topological Properties of the Solution Set of Integrodifferential Inclusions", *Comment. Math. Univ. Carolinae* Vol.36, No. 3 (1995), pp. 429-442.
19. E.P. Avgerinos-N.S. Papageorgiou, "On the existence of extremal periodic solutions for nonlinear parabolic problems with discontinuities", *Journal of Differential Equations*, -132, No.1, pp. 179-201, Art. No.0176 (1996).
20. E.P. Avgerinos-N. S. Papageorgiou, "Differential Variational Inequalities in \mathbb{R}^n ", *Scientiae Mathematicae* 2 (1999), no. 2, 171--186
21. E.P. Avgerinos-N.S. Papageorgiou, "Solutions and periodic solutions for nonlinear evolution equations with non-monotone perturbations. *Zeitschrift fur Analysis und ihre Anwendungen*, *Journal for Analysis and its Applications* Vol. 17(1998), No4, 859-875

22. E.P. Avgerinos - N.S. Papageorgiou, “Extremal Solutions and Relaxation for Second Order Vector Differential Inclusions”, *Archivum Mathematicum Tomus 34*(1998), pp. 427-434
23. E.P. Avgerinos-N.S. Papageorgiou, “Almost sure convergence and decomposition of multivalued random processes.” *Rocky Mt. J. Math. 29, No.2, 401-435 (1999)*.
24. E.P. Avgerinos-N.S. Papageorgiou, “Existence and Relaxation Theorems for Nonlinear Multivalued Boundary Value Problems”, *Applied Mathematics and Optimization -39, No.2, 257-279 (1999)*.
25. E.P. Avgerinos-N.S. Papageorgiou-Nikolaos Yannakakis, “Periodic Solutions for Second Order Differential Inclusions with Non-convex and Unbounded Multifunction” *Acta Mathematica Hungarica,83 (4), June 1999*
26. Michael, P., Gagatsis, A, Avgerinos, E. & Kuzniak, A. Middle and High school students’ operative apprehension of geometrical figures. *Acta Didactica Universitatis Comenianae – Mathematics, 11, 45 –55. (2011)*.
27. Evgenios P. Avgerinos and Athanasios Karageorgiadis, “The Influence of the concept Labyrinth in the Development of Computer Science and Artificial Intelligence”, *Journal of the International Society for the Interdisciplinary Study of Symmetry (ISIS- Symmetry), Vol. 2013/ 1-4, pp36 -40*
28. Evgenios P. Avgerinos and Luiza Themistocleous, “A new Labyrinth problem originating in the old graph-theoretic Konigsberg Bridge Problem”, *Journal of the International Society for the Interdisciplinary Study of Symmetry (ISIS- Symmetry), Vol. 2013/ 1-4, pp 42-46*
29. Roza Vlachou and Evgenios P. Avgerinos, “Labyrinth patterns in the mathematics text books of elementary school: the case of Greece and Cyprus”, *Journal of the International Society for the Interdisciplinary Study of Symmetry (ISIS- Symmetry), Vol. 2013/ 1-4, pp338-343*
30. Avgerinos Evgenios and Remoundou Dimitra, “PRIMARY SCHOOL PUPILS' AND PRIMARY TEACHERS STUDENTS' INTUITIONS OF INFINITY”, *“Mediterranean Journal for Research in Mathematics Education”, Vol. 12 , 1-2, 23-37, (2013)*
31. Avgerinos Evgenios and Marinos Andreas, “Comparing Emotions and the Comprehension of the Function of an Electrical Machine with the Help of the Graphic Representations”, *Mediterranean Journal for Research in Mathematics Education”, Vol. 16 , (2017) accepted for publication (in 2nd revision procedure)*
32. E. P. Avgerinos, “On a new proceptual and axiomatic method of teaching the notion

of limit in the class: Applications and consequences“ Part I., “Mediterranean Journal for Research in Mathematics Education”, submitted for publication

33. E. P. Avgerinos, “On a new proceptual and axiomatic method of teaching the notion of limit in the class: Applications and consequences“ Part II., “Mediterranean Journal for Research in Mathematics Education”, submitted for publication

34. E. P. Avgerinos, “Current Problems in Teaching Mathematics with the use of modern software packages”, submitted for publication.

35. E. P. Avgerinos, “On the Teaching of the sense of limit of a real function: An approach using the notion of the accumulation point”, submitted for publication.

Full-length academic articles in specialist refereed Volumes and refereed Conference Proceedings

36. Avgerinos E.P.- N.S.Papageorgiou "Optimal Control of Nonlinear Evolution Equations", in "Partial differential equations", Longman-Pitman Research Notes in Math. Series, No. 273(1992), pp. 185-191 (editors Jos. Wiener and Jack Hale). Proceedings of the "International Conference on the Theory and Applications of Differential Equations", May 1991 Edinburg, Texas, USA

37. Avgerinos E.P.- Kioulafas M., “On the discovery of the law governing the operation of the projector”, Proceedings of 18th Conference of Hellenic Mathematical Society (HMS) , pp 619-627, Rhodes, Nov 2001 (in Greek)

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OTHER WORK FOR EDUCATIONAL MATHEMATICAL PURPOSE

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TOPICS and Themes of the Video lessons

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LIST OF CITATIONS

	Number of cited papers	Number of paper on the CV	Which paper	List of papers that cited our work
	12	01	<p>Random nonlinear evolution inclusions in reflexive Banach spaces</p> <p>EP Avgerinos, NS Papageorgiou - Proceedings of the American Mathematical Society, 1988</p> <p>Γίνεται αναφορά σε 12 - Σχετικά άρθρα - Όλες οι 5 εκδοχές</p>	<p>一类具有随机周期移民扰动的非线性人口发展方程随机周期解的存在唯一性 张国伟, 惠淑荣 - 生物数学学报, 2002 - cqvip.com</p> <p>本文给出了一类具有随机周期移民扰动的非线性m增生人口发展方程随机周期解的存在性和唯一性结论.</p> <p>Γίνεται αναφορά σε 7 Σχετικά άρθρα Όλες οι 3 εκδοχές Παράθεση Αποθήκευση</p> <p>[PDF] ams.org</p> <p>Random semilinear evolution equations in Banach spaces D Kravvaritis - Proceedings of the American Mathematical Society, 1991 - ams.org</p> <p>Abstract: In this paper we prove the existence of mild solutions for random, semilinear evolution equations involving a random, linear, unbounded $\\$ m \\$-dissipative operator and a random single valued or multivalued perturbation. Finally, an application to a random$</p> <p>Γίνεται αναφορά σε 1 Σχετικά άρθρα Όλες οι 4 εκδοχές Παράθεση Αποθήκευση</p> <p>随机二阶多值周期问题解的存在性 李国成, 宋士吉, 吴澄 - 数学学报, 2006 - cqvip.com</p> <p>本文研究了随机二阶多值周期问题解的存在性, 在非常一般的假定下建立了凸和非凸问题解的存在性定理, 并给出了在随机周期反馈控制系统中的应用.</p> <p>Σχετικά άρθρα Όλες οι 3 εκδοχές Παράθεση Αποθήκευση</p> <p>[PDF] icm.edu.pl</p> <p>[PDF] Semimartingale measure in the investigation of Stratonovich-type stochastic integrals and inclusions J Syga - Discussiones Mathematicae Probability and Statistics, 2015 - pldml.icm.edu.pl</p> <p>A random measure associated to a semimartingale is introduced. We use it to investigate properties of several types of stochastic integrals and properties of the solution set of Stratonovich-type stochastic inclusion. Keywords: forward, backward and symmetric integral, time-reversible</p> <p>Σχετικά άρθρα Όλες οι 6 εκδοχές Παράθεση Αποθήκευση Περισσότερα</p> <p>[PDF] uz.zgora.pl</p> <p>[PDF] WIELOWARTOŚCIOWE CAŁKI STOCHASTYCZNE WZGLEDEM SEMIMARTYNGAŁU I ICH ZASTOSOWANIA W TEORII INKLUZJI STOCHASTYCZNYCH J Syga - zbc.uz.zgora.pl</p> <p>W 1965 roku RJ Aumann w pracy [5] zaproponował definicję całki z odwzorowania wielowartościowego F, bazując na teorii całki Lebesgue'a. Definicja wprowadzona przez niego określała tę całkę jako zbiór jednowartościowych całek z selektorów odwzorowania F.</p> <p>Σχετικά άρθρα Όλες οι 4 εκδοχές Παράθεση Αποθήκευση Περισσότερα</p> <p>中低放废物陆地浅埋处置类似物—古墓葬的研究 谷存礼, 范智文 - 辐射防护, 1995 - cqvip.com</p> <p>摘要: 本文将我国古墓葬和中低放废物陆地浅埋处置在选址, 工程结构, 设计原理和施工方法等方面进行了类比分析. 分析结果表明,</p>

			<p>我国古墓葬对 中低放废物陆地浅埋处置是很好的类似物, 古墓及其随葬品长期保存的完好性说明了选择适宜的场址, 合理的工程结构和良好的回填材料及</p> <p>Σχετικά άρθρα Όλες οι 3 εκδοχές Παράθεση Αποθήκευση</p> <p>[ΑΝΑΦΟΡΑ] 随机多值周期问题解的存在性及应用 Existence of Solutions for Random Multivalued Periodic Problems and Applications 王淑云, 李丽霞, 封梅 - 河北师范大学学报 (自然科学版), 2008</p> <p>Σχετικά άρθρα Παράθεση Αποθήκευση</p> <p>Existence of solutions for random multivalued integrodifferential periodic systems GC Li, SF Yang - Machine Learning and Cybernetics, 2009 ..., 2009 - ieeexplore.ieee.org</p> <p>Abstract: In this paper we study the existence of solutions for random multi-valued integrodifferendifferential periodic systems. We prove the existence theorems under most common hypotheses for the convex and non-convex problems. An application to random</p> <p>Σχετικά άρθρα Όλες οι 2 εκδοχές Παράθεση Αποθήκευση</p> <p>[PDF] neu.edu.cn</p> <p>[PDF] 具有随机扰动的非线性人口方程解的存在惟一性 孙涛, 姜秀芹, 段晓东 - 东北大学学报 (自然科学版), 2008 - xuebao.neu.edu.cn</p> <p>摘要: 利用非线性泛函分析理论研究了一类具有随机移民扰动的非线性m 增生人口发展方程, 把移民率看做是对人口发展模型的一种随机干扰, 在移民率满足在任意有限时间内有上界的条件下, 应用Banach 不动点定理证明了此类发展方程在确定型和随机型两种情况下积分解的存在</p> <p>Σχετικά άρθρα Όλες οι 7 εκδοχές Παράθεση Αποθήκευση Περισσότερα</p> <p>随机多值周期问题解的存在性及应用 王淑云, 李丽霞, 封梅 - 河北师范大学学报: 自然科学版, 2008 - cqvip.com</p> <p>研究了一类随机多值周期问题解的存在性, 在非常一般的假定下建立了凸和非凸问题解的存在性定理, 给出了在随机周期反馈控制系统中的应用.</p> <p>Σχετικά άρθρα Όλες οι 3 εκδοχές Παράθεση Αποθήκευση Δημιουργία ειδοποίησης</p>
1	02	<p>Infinite horizon optimal control problems for semilinear evolution equations</p> <p>EP Avgerinos, NS Papageorgiou - Applicable Analysis, 1989</p> <p>Γίνεται αναφορά σε 1 - Σχετικά άρθρα - Όλες οι 3 εκδοχές</p>	<p>[ΒΙΒΛΙΟ] Well-posed optimization problems AL Dontchev, T Zolezzi - 2006 - books.google.com</p> <p>This book presents in a unified way the mathematical theory of well-posedness in optimization. The basic concepts of well-posedness and the links among them are studied, in particular Hadamard and Tykhonov well-posedness. Abstract optimization problems as</p> <p>Γίνεται αναφορά σε 567 Σχετικά άρθρα Όλες οι 6 εκδοχές Παράθεση Αποθήκευση</p>
1	03	<p>An existence theorem for an optimal control problem in banach spaces</p>	<p>Existence of optimal controls for a class of nonlinear distributed parameter systems NS Papageorgiou - Bulletin of the Australian Mathematical ..., 1991 - Cambridge Univ Press</p> <p>Abstract In this paper we examine a Lagrange optimal control problem driven by a nonlinear</p>

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			<p>EP Avgerinos, NS Papageorgiou - Bulletin of the Australian Mathematical Society, 1989</p> <p>Γίνεται αναφορά σε 1 - Σχετικά άρθρα - Όλες οι 5 εκδοχές</p>	<p>evolution equation involving a nonmonotone, state dependent perturbation term. For this problem we establish the existence of optimal admissible pairs. For the same system we</p> <p>Γίνεται αναφορά σε 1 Σχετικά άρθρα Όλες οι 5 εκδοχές Παράθεση Αποθήκευση</p>
3	04	<p>Viable solutions for evolution inclusions</p> <p>E Avgerinos, NS Papageorgiou - Yokohama Math. Jour, 1990</p> <p>Γίνεται αναφορά σε 3 - Σχετικά άρθρα - Όλες οι 4 εκδοχές</p>	<p>On the set of solutions of a class of nonlinear evolution inclusions NS Papageorgiou - Kodai Mathematical Journal, 1992 - jlc.jst.go.jp</p> <p>In this paper first we establish the existence of solutions for a large class of nonlinear, nonconvex evolution inclusions and then we show that the solution multifunction has a continuous selector. Then we use that selector result to establish the existence of periodic</p> <p>Γίνεται αναφορά σε 12 Σχετικά άρθρα Όλες οι 7 εκδοχές Παράθεση Αποθήκευση</p> <p>[PDF] nii.ac.jp</p> <p>[ΑΝΑΦΟΡΑ] A VIABILITY RESULT FOR NONLINEAR TIME DEPENDENT EVOLUTION INCLUSIONS NS Papageorgiou - 1992 - Yokohama City University</p> <p>Γίνεται αναφορά σε 1 Σχετικά άρθρα Όλες οι 3 εκδοχές Παράθεση Αποθήκευση</p> <p>[ΑΝΑΦΟΡΑ] SOME QUALITATIVE PROPERTIES OF THE SOLUTIONS TO QUASI-LINEAR DIFFERENTIAL INCLUSIONS MM AN - Studia Universitatis Babeş-Bolyai: ..., 1999 - Universitatea Babeş-Bolyai</p> <p>Σχετικά άρθρα Παράθεση Αποθήκευση</p>	
3	06	<p>On the sensitivity and relaxability of optimal control problems governed by nonlinear evolution equations with state constraints</p> <p>EP Avgerinos, NS Papageorgiou</p> <p>Monatshefte für Mathematik 109 (1), 1-23</p>	<p>[ΒΙΒΛΙΟ] Relaxation in optimization theory and variational calculus T.Roubicek - 1997 - books.google.com</p> <p>The series is devoted to the publication of high-level monographs which cover the whole spectrum of current nonlinear analysis and applications in various fields, such as optimization, control theory, systems theory, mechanics, engineering, and other sciences.</p> <p>Γίνεται αναφορά σε 371 Σχετικά άρθρα Όλες οι 3 εκδοχές Παράθεση Αποθήκευση</p> <p>Maximal monotone differential inclusions with memory</p> <p>NS Papageorgiou - Proceedings Mathematical Sciences, 1992 - Springer</p> <p>Abstract In this paper we study maximal monotone differential inclusions with memory. First we establish two existence theorems; one involving convex-valued orientor fields and the other nonconvex valued ones. Then we examine the dependence of the solution set on the</p> <p>Γίνεται αναφορά σε 3 Σχετικά άρθρα Όλες οι 3 εκδοχές Παράθεση Αποθήκευση</p> <p>Book Lecture Notes in Mathematics Volume 1543 1993</p> <p>Well-Posed Optimization Problems</p> <p>Authors: Asen L. Dontchev, Tullio Zolezzi</p>	

			ISBN: 978-3-540-56737-0 (Print) 978-3-540-47644-3 (Online)
4	07	<p>Variational stability of infinite dimensional optimal control problems</p> <p>EP Avgerinos, NS Papageorgiou</p> <p>International journal of systems science 21 (8), 1473-1488</p> <p>Variational stability of infinite dimensional optimal control problems</p> <p>EP Avgerinos, NS Papageorgiou - International journal of systems science, 1990</p> <p>Γίνεται αναφορά σε 3 - Σχετικά άρθρα - Όλες οι 4 εκδοχές</p> <p>Variational stability of infinite-dimensional optimal control problems</p> <p>EP Avgerinos, NS Papageorgiou - Dynamics and Stability of Systems, 1991</p> <p>Σχετικά άρθρα - Όλες οι 2 εκδοχές</p>	<p>[BIBΛΙΟ] Time-dependent subdifferential evolution inclusions and optimal control S Hu, NS Papageorgiou - 1998 - books.google.com</p> <p>This volume studies multivalued evolution equations driven by time-dependent subdifferential operators and optimal control problems for such systems. The formulation is general enough to incorporate problems with time varying constraints. For evolution</p> <p>Γίνεται αναφορά σε 22 Σχετικά άρθρα Όλες οι 4 εκδοχές Παράθεση Αποθήκευση</p> <p>Sensitivity analysis of distributed-parameter optimal control problems for nonlinear parabolic equations S Migórski - Journal of optimization theory and applications, 1995 - Springer</p> <p>A sequence of optimal control problems for systems described by nonlinear parabolic equations is considered. It is proved that, under the Γ-convergence of objective functionals, the parabolic Γ-convergence of operators in the state equations, and the Kuratowski</p> <p>Γίνεται αναφορά σε 8 Σχετικά άρθρα Όλες οι 4 εκδοχές Παράθεση Αποθήκευση</p> <p>Optimal control and admissible relaxation for subdifferential evolution inclusions T Cardinali, NS Papageorgiou - Periodica Mathematica Hungarica, 1996 - Springer</p> <p>Abstract In this paper we study the relaxation of optimal control problems monitored by subdifferential evolution inclusions. First under appropriate convexity conditions, we establish an existence result. Then we introduce the relaxed problem and show that it</p> <p>Γίνεται αναφορά σε 1 Σχετικά άρθρα Όλες οι 5 εκδοχές Παράθεση Αποθήκευση</p> <p>Book Lecture Notes in Mathematics Volume 1543 1993</p> <p>Well-Posed Optimization Problems</p> <p>Authors: Asen L. Dontchev, Tullio Zolezzi</p> <p>ISBN: 978-3-540-56737-0 (Print) 978-3-540-47644-3 (Online)</p>
17	08	<p>Optimal control and relaxation for a class of nonlinear distributed parameter systems</p>	<p>Control of nonlinear distributed parameter systems using generalized invariants A Palazoğlu, A Karakaş - Automatica, 2000 - Elsevier</p> <p>A framework is presented to facilitate the formulation of control strategies for nonlinear DPS. The key contribution is the generalized quantitative expression of the stability condition for</p>

		<p>E Avgerinos, NS Papageorgiou - Osaka J. Math, 1990</p>	<p>any nonlinear DPS. The methodology derives from the use of symmetry groups that</p> <p>Γίνεται αναφορά σε 48 Σχετικά άρθρα Όλες οι 5 εκδοχές Παράθεση Αποθήκευση</p> <p>[PDF] unse.edu.ar</p> <p>Control of nonlinear distributed parameter processes using symmetry groups and invariance conditions S Godasi, A Karakas, A Palazoglu - Computers & chemical engineering, 2002 - Elsevier</p> <p>A control method for nonlinear distributed parameter processes is studied based on the connection between the geometric nature of system of equations and the algebraic group theory. Infinitesimal invariance conditions on systems of equations are used to develop a</p> <p>Γίνεται αναφορά σε 31 Σχετικά άρθρα Όλες οι 5 εκδοχές Παράθεση Αποθήκευση</p> <p>[PDF] dynamicpublishers.com</p> <p>[PDF] Differential inclusions operator valued measures and optimal control NU Ahmed - Dynamic Systems and Applications, 2007 - dynamicpublishers.com</p> <p>ABSTRACT. The objective of this paper is to briefly summarize some recent results on Differential Inclusions and their optimal control. Then, using vector measures as controls, we present some new results on the necessary conditions of optimality. Further, we consider</p> <p>Γίνεται αναφορά σε 12 Σχετικά άρθρα Όλες οι 5 εκδοχές Παράθεση Αποθήκευση Περισσότερα</p> <p>[PDF] jst.go.jp</p> <p>On the set of solutions of a class of nonlinear evolution inclusions NS Papageorgiou - Kodai Mathematical Journal, 1992 - jlc.jst.go.jp</p> <p>In this paper first we establish the existence of solutions for a large class of nonlinear, nonconvex evolution inclusions and then we show that the solution multifunction has a continuous selector. Then we use that selector result to establish the existence of periodic</p> <p>Γίνεται αναφορά σε 12 Σχετικά άρθρα Όλες οι 7 εκδοχές Παράθεση Αποθήκευση</p> <p>Evolution equations determined by operator valued measures and optimal control NU Ahmed - Nonlinear Analysis: Theory, Methods & Applications, 2007 - Elsevier</p> <p>In this paper we consider a general class of systems determined by operator valued measures. Briefly we review some recent results on optimal control with controls being vector measures. Then we consider problems of structural controls where the operator</p> <p>Γίνεται αναφορά σε 11 Σχετικά άρθρα Όλες οι 4 εκδοχές Παράθεση Αποθήκευση</p> <p>[PDF] hindawi.com</p> <p>Necessary conditions of optimality for infinite dimensional uncertain systems NU Ahmed, X Xiang - Mathematical problems in engineering, 1995 - hindawi.com</p> <p>In this paper we consider optimal control problem for infinite dimensional uncertain systems. Necessary conditions of optimality are presented under the assumption that the principal operator is the infinitesimal generator of a strongly continuous semigroup of linear operators</p> <p>Γίνεται αναφορά σε 9 Σχετικά άρθρα Όλες οι 18 εκδοχές Παράθεση Αποθήκευση</p> <p>A study on the control of nonlinear distributed parameter systems S Godasi, A Karakas... - ... Control Conference, 1999. ..., 1999 - ieeexplore.ieee.org</p> <p>Abstract: A control strategy is presented for nonlinear DPSs. The methodology stems from the use of symmetry groups that determine the group-invariant solutions of a differential system. An invariance condition on the prolonged space of the differential system provides</p>
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			<p>Γίνεται αναφορά σε 7 Σχετικά άρθρα Παράθεση Αποθήκευση</p> <p>[PDF] arxiv.org</p> <p>Optimal relaxed control of dissipative stochastic partial differential equations in Banach spaces Z Brzeźniak, R Serrano - SIAM Journal on Control and Optimization, 2013 - SIAM</p> <p>We study an optimal relaxed control problem for a class of semilinear stochastic PDEs on Banach spaces perturbed by multiplicative noise and driven by a cylindrical Wiener process. The state equation is controlled through the nonlinear part of the drift coefficient which</p> <p>Γίνεται αναφορά σε 6 Σχετικά άρθρα Όλες οι 10 εκδοχές Παράθεση Αποθήκευση</p> <p>Necessary conditions of optimality for a class of semilinear uncertain systems with unbounded monotone operator NU Ahmed, X Xiang - WORLD SCIENTIFIC SERIES IN ..., 1995 - books.google.com</p> <p>Abstract In this paper we consider optimal control problem for a class of infinite dimensional uncertain systems. Necessary conditions of optimality is presented under the assumption that the principal operator is monotone in a reflexive Banach space. A computational</p> <p>Γίνεται αναφορά σε 5 Σχετικά άρθρα Όλες οι 2 εκδοχές Παράθεση Αποθήκευση</p> <p>Maximal monotone differential inclusions with memory NS Papageorgiou - Proceedings Mathematical Sciences, 1992 - Springer</p> <p>Abstract In this paper we study maximal monotone differential inclusions with memory. First we establish two existence theorems; one involving convex-valued orientor fields and the other nonconvex valued ones. Then we examine the dependence of the solution set on the</p> <p>Γίνεται αναφορά σε 3 Σχετικά άρθρα Όλες οι 3 εκδοχές Παράθεση Αποθήκευση</p> <p>Extremal solutions to a class of multivalued integral equations in Banach space S Aizicovici, NS Papageorgiou - International Journal of Stochastic ..., 1992 - hindawi.com</p> <p>We consider a nonlinear Volterra integral inclusion in a Banach space. We establish the existence of extremal integral solutions, and we show that they are dense in the solution set of the original equation. As an important application, we obtain a bang-bang theorem for a</p> <p>Γίνεται αναφορά σε 3 Σχετικά άρθρα Όλες οι 47 εκδοχές Παράθεση Αποθήκευση</p> <p>Optimal control and admissible relaxation for subdifferential evolution inclusions T Cardinali, NS Papageorgiou - Periodica Mathematica Hungarica, 1996 - Springer</p> <p>Abstract In this paper we study the relaxation of optimal control problems monitored by subdifferential evolution inclusions. First under appropriate convexity conditions, we establish an existence result. Then we introduce the relaxed problem and show that it</p> <p>Γίνεται αναφορά σε 1 Σχετικά άρθρα Όλες οι 5 εκδοχές Παράθεση Αποθήκευση</p> <p>[PDF] ohiolink.edu</p> <p>Nolinear Evolution Equations and Optimization Problems in Banach Spaces H Lee - 2005 - rave.ohiolink.edu</p> <p>Page 1. NONLINEAR EVOLUTION EQUATIONS AND OPTIMIZATION PROBLEMS IN BANACH SPACES A dissertation presented to the faculty of the College of Arts and Sciences of Ohio University In partial fulfillment of the requirements for the degree Doctor of Philosophy Haewon</p> <p>Σχετικά άρθρα Όλες οι 4 εκδοχές Παράθεση Αποθήκευση</p> <p>NU Ahmed'and X. Xiang"</p>
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				<p>M OPERATOR - Dynamical Systems and Applications, 1995 - books.google.com</p> <p>Abstract In this paper we consider optimal control problem for a class of infinite dimensional uncertain systems. Necessary conditions of optimality is presented under the assumption that the principal operator is monotone in a reflexive Banach space. A computational</p> <p>Σχετικά άρθρα Παράθεση Αποθήκευση</p> <p>[PDF] emis.de</p> <p>[PDF] LGGLGLG GLGGLGGGL GL GGGGGGGGLGGGG LGL LLLL GGG LLLL GGLGGGG aGLGGGGG LLL GGG LL NU AHMED, GS GGGLL - emis.de</p> <p>In this paper we consider optimal control problem for infinite dimensional uncertain systems. Necessary conditions of optimality are presented under the assumption that the principal operator is the infinitesimal generator of a strongly continuous semigroup of linear operators</p> <p>Σχετικά άρθρα Παράθεση Αποθήκευση</p> <p>[PDF] semanticscholar.org</p> <p>[PDF] Optimal control of stochastic partial differential equations in Banach spaces RAS Perdomo - 2010 - pdfs.semanticscholar.org</p> <p>Abstract In this thesis we study optimal control problems in Banach spaces for stochastic partial differential equations. We investigate two different approaches. In the first part we study Hamilton-Jacobi-Bellman equations (HJB) in Banach spaces associated with optimal</p> <p>Σχετικά άρθρα Όλες οι 5 εκδοχές Παράθεση Αποθήκευση Περισσότερα</p> <p>[PDF] doria.fi</p> <p>[PDF] Selective catalytic reduction of nitrogen oxides with ammonia in forced unsteady state reactors-Case based reasoning and mathematical model simulation ... CC Botar-Jid - Acta Universitatis Lappeenrantaensis, 2007 - doria.fi</p> <p>The application of forced unsteady-state reactors in case of selective catalytic reduction of nitrogen oxides (NOx) with ammonia (NH3) is sustained by the fact that favorable temperature and composition distributions which cannot be achieved in any steady-state</p> <p>Σχετικά άρθρα Όλες οι 2 εκδοχές Παράθεση Αποθήκευση Περισσότερα</p>
8	09	<p>Non-convex perturbations of evolution equations with $\\$ m \\$-dissipative operators in Banach spaces$</p> <p>EP Avgerinos, NS Papageorgiou - Commentationes Mathematicae Universitatis Carolinae, 1989</p> <p>Γίνεται αναφορά σε 7 - Σχετικά άρθρα - Όλες</p>		<p>On nonlinear, nonconvex evolution inclusions SC Hu, NS Papageorgiou - Kodai Mathematical Journal, 1995 - jlc.jst.go.jp</p> <p>We consider a nonlinear evolution inclusion driven by an m-accretive operator which generates an equicontinuous nonlinear semigroup of contractions. We establish the existence of extremal integral solutions and we show that they form a dense, $G \delta$-subset of</p> <p>Γίνεται αναφορά σε 4 Σχετικά άρθρα Όλες οι 6 εκδοχές Παράθεση Αποθήκευση</p> <p>[PDF] dml.cz</p> <p>On nonconvex functional evolution inclusions involving m-dissipative operators T Cardinali, NS Papageorgiou, F Papalini - Czechoslovak Mathematical ..., 1997 - Springer</p> <p>In a recent paper Avgerinos-Papageorgiou [2], proved an existence result for a class of evolution inclusions driven by m-dissipative operators and with a nonconvex setvalued</p>

		<p>οι 3 εκδοχές</p> <p>NON CONVEX PERTURBATIONS OF EVOLUTION- EQUATIONS WITH M DISSIPATIVE OPERATORS IN BANACH-SPACES</p> <p>EP Avgerinos, NS PAPAGEORGIOU - PUBLICATIONES MATHEMATICAE- DEBRECEN, 1991</p> <p>Γίνεται αναφορά σε 1 - Σχετικά άρθρα</p>	<p>perturbation. In this paper we extend the work of Avgerinos-Papageorgiou [2] in several</p> <p>Γίνεται αναφορά σε 4 Σχετικά άρθρα Όλες οι 9 εκδοχές Παράθεση Αποθήκευση</p> <p>[PDF] kobe-u.ac.jp</p> <p>[PDF] Multivalued Volterra integral equations in Banach spaces S Aizicovici, NS Papageorgiou - Funkcial. Ekvac, 1993 - fe.math.kobe-u.ac.jp</p> <p>In this paper we examine Volterra integral inclusions driven by m-accretive operators and evolution inclusions driven by time dependent convex subdifferentials. Problems of this form appear in the optimal control of distributed parameter systems (see Ahmed [1] and</p> <p>Γίνεται αναφορά σε 4 Σχετικά άρθρα Όλες οι 2 εκδοχές Παράθεση Αποθήκευση</p> <p>Generalized solutions of semilinear evolution inclusions O Cârja, T Donchev, Al Lazu - SIAM Journal on Optimization, 2016 - SIAM</p> <p>In this paper we study different types of (generalized) solutions for semilinear evolution inclusions in general Banach spaces, called limit and weak solutions, which are extensions of the weak solutions studied by T. Donchev Nonlinear Anal., 16 (1991), pp. 533--542 and</p> <p>Γίνεται αναφορά σε 1 Σχετικά άρθρα Παράθεση Αποθήκευση</p> <p>On nonlinear, nonconvex evolution inclusions NS Papageorgiou - Discussiones Mathematicae, Differential Inclusions, ..., 1995 - eudml.org</p> <p>Abstract top We consider a nonlinear evolution inclusion driven by an m-accretive operator which generates an equicontinuous nonlinear semigroup of contractions. We establish the existence of extremal integral solutions and we show that they form a dense, G δ-subset of</p> <p>Γίνεται αναφορά σε 1 Σχετικά άρθρα Όλες οι 4 εκδοχές Παράθεση Αποθήκευση Περισσότερα</p> <p>[ΑΝΑΦΟΡΑ] On evolution inclusions driven by $\\$ m \\$-accretive operators NS Papageorgiou - Pure Mathematics and Applications, 1996 - ideas.repec.org</p> <p>No abstract is available for this item. ... To our knowledge, this item is not available for download. To find whether it is available, there are three options: 1. Check below under "Related research" whether another version of this item is available online. 2. Check on the provider's</p> <p>Γίνεται αναφορά σε 1 Σχετικά άρθρα Όλες οι 3 εκδοχές Παράθεση Αποθήκευση Περισσότερα</p> <p>[PDF] researchgate.net</p> <p>Relaxation Results for Nonlinear Evolution Inclusions with One-sided Perron Right-hand Side O Cârja, T Donchev, V Postolache - Set-Valued and Variational Analysis, 2014 - Springer</p> <p>Abstract In a Banach space X, we study the evolution inclusion of the form $x'(t) \in A x(t) + F(t, x(t))$, where A is an m-dissipative operator and F is an almost lower semicontinuous multifunction with nonempty closed values. If F is one-sided Perron with sublinear growth,</p> <p>Σχετικά άρθρα Όλες οι 4 εκδοχές Παράθεση Αποθήκευση</p> <p>[ΑΝΑΦΟΡΑ] Multivalued perturbation to nonlinear differential inclusions with memory in Banach spaces X Xingmei, S Guozhu - Chinese ..., 1996 - Shanghai, China: Shanghai ...</p> <p>Γίνεται αναφορά σε 7 Σχετικά άρθρα Όλες οι 3 εκδοχές Παράθεση Αποθήκευση</p>
5	11	<p>On the solution set of maximal monotone</p>	<p>[PDF] Topological structure of solution sets: current results</p>

			<p>differential inclusions in Rn</p> <p>EP Avgerinos, NS Papageorgiou</p> <p>Math. Japonica 38 (1), 91-110</p>	<p>L Górniewicz - Arch. Math.(Brno), 2000 - emis.ams.org</p> <p>Abstract. We shall present current results concerning Browder–Guptatype theorems, Banach principle for multivalued mappings and the inverse limit method including its applications to ordinary differential equations and differential inclusions. Consequently, Aronszajn's-type</p> <p>Γίνεται αναφορά σε 30 Σχετικά άρθρα Όλες οι 48 εκδοχές Παράθεση Αποθήκευση Περισσότερα</p> <p>[HTML] sciencedirect.com</p> <p>[HTML] On existence solutions and solution sets of differential equations and differential inclusions with delay in Banach spaces AM Gomaa - Journal of the Egyptian Mathematical Society, 2012 - Elsevier</p> <p>Abstract Let $C E([-d, 0])$ (resp. $C B(0, T)([-d, 0])$) be the Banach space of continuous functions from $[-d, 0]$ into a Banach space E (resp. into $B(0, T)$), where $B(0, T) = \{x \in E : \ x\ \leq T\}$ and let $C E([-d, 0]) \subset C E([-d, 0])$. In this paper we prove an existence theorem</p> <p>Γίνεται αναφορά σε 4 Σχετικά άρθρα Όλες οι 3 εκδοχές Παράθεση Αποθήκευση</p> <p>Existence and topological properties of solution sets for differential inclusions with delay GAM - Commentationes Mathematicae, 2008 - infona.pl</p> <p>We consider the problem [formula] in a Banach space E, where belongs to the Banach space, $C E([-d, 0])$, of all continuous functions from $[-d, 0]$ into E. A multifunction F from $[0, b] \times C E([-d, 0])$ into the set, $Pfc(E)$, of all nonempty closed convex subsets of E is weakly</p> <p>Γίνεται αναφορά σε 3 Σχετικά άρθρα Όλες οι 2 εκδοχές Παράθεση Αποθήκευση Περισσότερα</p> <p>[PDF] impa.br</p> <p>[PDF] Existence of solutions for differential inclusions on closed moving constraints in Banach spaces AM Gomaa - Electronic Journal of Differential Equations, 2009 - emis.impa.br</p> <p>Electronic Journal of Differential Equations, Vol. 2009(2009), No. 22, pp. 1–10. ISSN: 1072-6691. URL: http://ejde.math.txstate.edu or http://ejde.math.unt.edu ftp ejde.math.txstate.edu ... EXISTENCE OF SOLUTIONS FOR DIFFERENTIAL INCLUSIONS ON</p> <p>Γίνεται αναφορά σε 1 Σχετικά άρθρα Όλες οι 25 εκδοχές Παράθεση Αποθήκευση Περισσότερα</p> <p>Gruyter Series in Nonlinear Analysis and Applications 10 J Appell, C Bandle, M Kato, BN Sadovsky, A Vignoli... - 2004 - degruyter.com</p> <p>Mathematics Subject Classification 2010:26E25, 34-01, 34G20, 34A37, 34A60, 34B15, 34B37, 34B40, 45D05, 47D60, 47G10, 47H04, 47H08, 47H10, 54-01, 54C15, 54C60, 54C65, 54H20, 54H25, 55M15, 55N05. ... ISBN 978-3-11-029344-9 e-ISBN 978-3-11-029356</p> <p>Γίνεται αναφορά σε 1 Σχετικά άρθρα Όλες οι 2 εκδοχές Παράθεση Αποθήκευση</p>
3	12		<p>On the existence of solutions for Volterra integral inclusions in Banach spaces</p> <p>EP Avgerinos</p> <p>International Journal of Stochastic Analysis 6 (3), 261-269</p>	<p>[PDF] Topological properties of the solution set of integrodifferential inclusions EP Avgerinos, NS Papageorgiou - COMMENTATIONES ..., 1995 - emis.ams.org</p> <p>Abstract. In this paper we examine nonlinear integrodifferential inclusions in RN. For the nonconvex problem, we show that the solution set is a retract of the Sobolev space $W^{1,1}(T, RN)$ and the retraction can be chosen to depend continuously on a parameter λ. Using that</p> <p>Γίνεται αναφορά σε 6 Σχετικά άρθρα Όλες οι 53 εκδοχές Παράθεση Αποθήκευση Περισσότερα</p> <p>[PDF] researchgate.net</p> <p>[PDF] Existence of solutions for Volterra integral inclusions T Zhu, C Song, G Li - J. Integral Equat. Appl, 2013 - researchgate.net</p>

			<p>ABSTRACT. In this paper, we use different methods to investigate continuous solutions of the nonlinear Volterra in- tegral inclusions. The results obtained here improve and gen- eralize many known results. ... 1. Introduction. In this paper, we study the problem of nonlinear Volterra integral</p> <p>Γίνεται αναφορά σε 1 Σχετικά άρθρα Όλες οι 2 εκδοχές Παράθεση Αποθήκευση Περισσότερα</p> <p>[ΑΝΑΦΟΡΑ] Topological properties of the solution EP Avgerinos, NS Papageorgiou</p> <p>Σχετικά άρθρα Παράθεση Αποθηκεύτηκε</p>
10	13	<p>On quasilinear evolution inclusions</p> <p>EP Avgerinos, NS Papageorgiou</p> <p>Glas. Mat. Ser. III 28 (1), 35-52</p>	<p>[PDF] Existence results for second-order neutral functional differential and integrodifferential inclusions in Banach spaces HJ Lee, J Park, JY Park - Electronic Journal of Differential Equations, 2002 - emis.impa.br</p> <p>Abstract In this paper, we investigate the existence of mild solutions on a compact interval to second order neutral functional differential and integrodifferential inclusions in Banach spaces. The results are obtained by using the theory of continuous cosine families and a</p> <p>Γίνεται αναφορά σε 14 Σχετικά άρθρα Όλες οι 20 εκδοχές Παράθεση Αποθήκευση Περισσότερα</p> <p>Existence of mild solutions on infinite intervals to first order initial value problems for a class of differential inclusions in Banach spaces M Benchohra - Discussiones Mathematicae, Differential Inclusions, ..., 1999 - eudml.org</p> <p>Abstract top In this paper we investigate the existence of mild solutions on an unbounded real interval to first order initial value problems for a class of differential inclusions in Banach spaces. We shall make use of a theorem of Ma, which is an extension to multivalued maps</p> <p>Γίνεται αναφορά σε 10 Σχετικά άρθρα Όλες οι 4 εκδοχές Παράθεση Αποθήκευση Περισσότερα</p> <p>[PDF] auckland.ac.nz</p> <p>[PDF] On second-order differential inclusions in Banach spaces M Benchohra - New Zealand J. Math, 2001 - thebookshelf.auckland.ac.nz</p> <p>Abstract. In this paper we investigate the existence of mild solutions on an unbounded real interval to second order initial value problems for a class of differential inclusions in Banach spaces. We shall make use of a theorem of Ma, which is an extension to multivalued maps</p> <p>Γίνεται αναφορά σε 7 Σχετικά άρθρα Παράθεση Αποθήκευση Περισσότερα</p> <p>[HTML] sciencedirect.com</p> <p>[HTML] An existence result on noncompact intervals for second order functional differential inclusions M Benchohra, SK Ntouyas - Journal of mathematical analysis and ..., 2000 - Elsevier</p> <p>In this paper we investigate the existence of mild solutions on an infinite interval for second order functional differential inclusions in Banach spaces. We shall make use of a theorem of Ma, which is an extension to multivalued maps on locally convex topological spaces of</p> <p>Γίνεται αναφορά σε 6 Σχετικά άρθρα Όλες οι 5 εκδοχές Παράθεση Αποθήκευση</p> <p>[PDF] ara-as.org</p> <p>[PDF] An Existence result on noncompact intervals to first order integrodifferential inclusions in Banach spaces M Benchora, SK Ntouyas - LIBERTAS MATHEMATICA (vol. I-XXXI), 2000 - ara-as.org</p> <p>Abstract In this paper an cxtcnsiuii oi 5r: 11ne. Eç i-'s Eh6C l'13]'l'. 1.0 l '. L' llll'-'6. l. 1J. bCl maps. on lImzally cm [l\" E"!~ C 1: 031-crlngical spaoes clue to Ma i:-'~ used lx: i 1'-'estigal. e r. l1v=. 2:-listen we of sw:-lutions on the semi infinite interval ul'fi1-st order initial value</p>

			<p>Γίνεται αναφορά σε 5 Σχετικά άρθρα Όλες οι 3 εκδοχές Παράθεση Αποθήκευση</p> <p>[PDF] hindawi.com</p> <p>[PDF] Existence of solutions of Sobolev-type semilinear mixed integrodifferential inclusions in Banach spaces M Kanakaraj, K Balachandran - International Journal of ..., 1900 - downloads.hindawi.com</p> <p>The problem of proving the existence of mild solutions for differential and integrodifferential equations in abstract spaces has been studied by several authors [2, 4, 11, 12, 13]. Balachandran and Uchiyama [3] established the existence of solutions of nonlinear integrodifferential equations</p> <p>Γίνεται αναφορά σε 5 Σχετικά άρθρα Όλες οι 45 εκδοχές Παράθεση Αποθήκευση Περισσότερα</p> <p>[PS] tsu.ge</p> <p>[PS] Existence results on noncompact intervals for functional differential and integrodifferential inclusions in Banach spaces M Benchohra, SK Ntouyas - ... of the A. Razmadza Mathematical Institute, 2001 - rmi.tsu.ge</p> <p>Abstract. In this paper we investigate the existence of mild solutions on an infinite interval to first order initial value problems for functional semilinear differential and integrodifferential inclusions in Banach spaces. ... In Section 3 of this paper we study the existence of mild solutions, defined</p> <p>Γίνεται αναφορά σε 1 Σχετικά άρθρα Παράθεση Αποθήκευση Περισσότερα</p> <p>An existence result for second order functional differential inclusions M Benchohra, SK Ntouyas - Results in Mathematics, 2000 - Springer</p> <p>In this paper we investigate the existence of mild solutions on a compact interval for second order functional differential inclusions in Banach spaces. We shall rely on a fixed point theorem for condensing maps due to Martelli. ... M. Benchohra, Existence of mild solutions on infinite intervals</p> <p>Γίνεται αναφορά σε 1 Σχετικά άρθρα Όλες οι 3 εκδοχές Παράθεση Αποθήκευση</p> <p>[PDF] hindawi.com</p> <p>Existence of mild solutions of second-order neutral functional differential inclusions with nonlocal conditions in Banach spaces SM Anthoni, JH Kim, JP Dauer - International Journal of Mathematics ..., 2004 - hindawi.com</p> <p>We study the existence of mild solutions of the nonlinear second-order neutral functional differential and integrodifferential inclusions with nonlocal conditions in Banach spaces. The results are obtained by using the theory of strongly continuous cosine families of bounded</p> <p>Σχετικά άρθρα Όλες οι 46 εκδοχές Παράθεση Αποθήκευση</p> <p>[ΑΝΑΦΟΡΑ] On second order integrodifferential inclusions in Banach spaces M Benchohra - Missouri Journal of Mathematical Sciences, 2002</p> <p>Σχετικά άρθρα Παράθεση Αποθήκευση</p>
1	14	<p>Optimal control problems involving optimal economic growth with infinite horizon</p> <p>EP Avgerinos - Applied Mathematics and</p>	<p>[PDF] A Bibliography of Publications in Applied Mathematics and Computation: 1977–1999 NHF Beebe - 2012 - tug.ctan.org</p> <p>(k,n – k – 2) [AW99b]. (r, s) [PSMM93]. 1 [Ada99, Ram97a, RGL97a]. 2 [Ada93b, LS98a, Tak98, Van95, Zak89]. 2n [YK97a, RUS+84]. 3 [Cha95a, Hei91, Kor97, TT86, TT88]. A [Che96a, Zho89]. A (2) T,S [Che96a]. A+ MN [Wan87]. AX + XB = C [SH92]. b [KKS87,</p>

			<p>Computation, 1994</p> <p>Γίνεται αναφορά σε 1 - Σχετικά άρθρα - Όλες οι 3 εκδοχές</p>	<p>Σχετικά άρθρα Όλες οι 53 εκδοχές Παράθεση Αποθήκευση Περισσότερα</p>
1	15	<p>Relaxed trajectories of maximal monotone functional differential inclusions in \mathbb{R}^n</p> <p>EP Avgerinos - MATHEMATICA JAPONICA, 1996</p> <p>Γίνεται αναφορά σε 1 - Σχετικά άρθρα</p>	<p>[PDF] Viable solutions of differential inclusions with memory in Banach spaces A Gavioli, L Malaguti - Portugaliae Mathematica, 2000 - emis.ams.org</p> <p>Abstract: In this paper we study functional differential inclusions with memory and state constraints. We assume the state space to be a separable Banach space and prove existence results for an usc orientor field; we consider both the case of a globally</p> <p>Γίνεται αναφορά σε 22 Σχετικά άρθρα Όλες οι 33 εκδοχές Παράθεση Αποθήκευση Περισσότερα</p>	
7	16	<p>On periodic solutions of multivalued nonlinear evolution equations</p> <p>On periodic solutions of multivalued nonlinear evolution equations</p> <p>EP Avgerinos - Journal of mathematical analysis and applications, 1996</p>	<p>[PDF] Periodic solutions of nonlinear evolution inclusions in Banach spaces S Aizicovici, NS Papageorgiou... - Journal of Nonlinear and ..., 2006 - researchgate.net</p> <p>For easy reference, in this section we present some notations, basic definitions and facts from nonlinear operator theory and multivalued analysis, which we will need in the sequel. Our basic references are the books [1], [7], [20], [21] and [30]. Throughout this paper, X is a real</p> <p>Γίνεται αναφορά σε 12 Σχετικά άρθρα Όλες οι 8 εκδοχές Παράθεση Αποθήκευση Περισσότερα</p> <p>Periodic solutions for nonlinear differential inclusions with multivalued perturbations S Qin, X Xue - Journal of Mathematical Analysis and Applications, 2015 - Elsevier</p> <p>Abstract In this paper, the periodic solutions for nonlinear differential inclusion governed by convex subdifferential and different perturbations are studied. It is firstly proved that the differential inclusion has unique periodic solution, if the perturbation function is a single-</p> <p>Γίνεται αναφορά σε 4 Σχετικά άρθρα Όλες οι 2 εκδοχές Παράθεση Αποθήκευση</p> <p>[PDF] 123.57.41.99</p> <p>[PDF] Anti-periodic solutions for first and second order nonlinear evolution equations in Banach spaces W Wei, X Xiang - Journal of Systems Science and Complexity, 2004 - 123.57.41.99</p> <p>Abstract. In this paper, a new existence theorem of anti-periodic solutions for a class of strongly nonlinear evolution equations in Banach spaces is presented. The equations contain nonlinear monotone operators and a nonmonotone perturbation. Moreover, through</p> <p>Γίνεται αναφορά σε 3 Σχετικά άρθρα Παράθεση Αποθήκευση Περισσότερα</p> <p>Banach 空间中一类强非线性发展方程的反周期解 韦维 - 贵州科学, 2002 - cqvip.com</p> <p>本文讨论一类强非线性发展方程的反周期解的存在性。 针对一大类既含有单调非线性算子又含有 非单调非线性算子的发展方程, 我们巧妙地结合单调算子理论与Leray-Schauder 不动点理论, 证明了其反周期解的存在性。最后, 举例说明理论结果在2m 阶拟线性抛物型方向的时间反周期</p> <p>Όλες οι 2 εκδοχές Παράθεση Αποθήκευση</p> <p>Banach 空间中一类周期非线性受控系统最优控制的存在性</p>	

			<p>韦维 - 应用泛函分析学报, 2002 - cqvip.com</p> <p>研究一类强非线性发展方程的周期解及相应的最优控制问题的存在性, 首先, 证明了Banach空间中一类包含非线性单调算子和非线性非单调扰动的强非线性发展方程周期解的存在性; 其次, 给出了保证相应的Lagrange最优控制的充分条件; 最后, 举例说明理论结果在拟线抛物</p> <p>Σχετικά άρθρα Όλες οι 3 εκδοχές Παράθεση Αποθήκευση</p> <p>[PDF] 203.158.6.11</p> <p>[PDF] Periodic Optimal Control of Systems Governed by Nonlinear Evolution Equations in Banach Spaces W Wei - 2000 - 203.158.6.11</p> <p>In this thesis, we systematically study periodic and anti-periodic solutions for a large class of strongly nonlinear evolution equations in Banach spaces and a Lagrange optimal control problem of systems governed by strongly nonlinear periodic evolution equations in Banach</p> <p>Σχετικά άρθρα Όλες οι 3 εκδοχές Παράθεση Αποθήκευση</p> <p>[PDF] sjutpress.org</p> <p>A Quasi-Linear Parabolic Partial Differential Equation with Accretive Property AU Bawa, MO Egwurube, MM Ahmad - TaJONAS: Tanzania Journal of ..., 2012 - sjutpress.org</p> <p>Abstract A quasi-linear parabolic, partial differential equation is investigated in a Banach space by converting such equation into an abstract Cauchy problem. Analysis is, thereby carried out using the fundamental results according to Browder in the theory of accretive</p> <p>Σχετικά άρθρα Παράθεση Αποθήκευση</p>
1	17	<p>Optimal control of differential inclusions with state constraints</p> <p>EP Avgerinos - Nonlinear Analysis: Theory, Methods & Applications, 1996</p> <p>Γίνεται αναφορά σε 1 - Σχετικά άρθρα - Όλες οι 5 εκδοχές</p>	<p>[PDF] Differential variational inequalities in R^N EP Avgerinos, NS Papageorgiou - INDIAN JOURNAL OF PURE AND ..., 1997 - insa.nic.in</p> <p>In this paper, we study "Differential Variational Inequalities" defined in R^n. First we establish the existence of external trajectories. Then we show that these extremal trajectories are dense in the solution set of the original system. Afterwards we prove that the solution set is</p> <p>Γίνεται αναφορά σε 4 Σχετικά άρθρα Όλες οι 4 εκδοχές Παράθεση Αποθηκεύτηκε</p>
6	18	<p>Topological properties of the solution set of integrodifferential inclusions</p> <p>EP Avgerinos, NS Papageorgiou</p> <p>COMMENTATIONES MATHEMATICAE-UNIVERSITATIS CAROLINAE 36, 429-442</p>	<p>[PDF] Topological structure of solution sets: current results L Górniewicz - Arch. Math.(Brno), 2000 - emis.ams.org</p> <p>Abstract. We shall present current results concerning Browder–Guptatype theorems, Banach principle for multivalued mappings and the inverse limit method including its applications to ordinary differential equations and differential inclusions. Consequently, Aronszajn's-type</p> <p>Γίνεται αναφορά σε 30 Σχετικά άρθρα Όλες οι 48 εκδοχές Παράθεση Αποθήκευση Περισσότερα</p> <p>[HTML] sciencedirect.com</p> <p>[HTML] First-order periodic impulsive semilinear differential inclusions: existence and structure of solution sets S Diebali, L Górniewicz, A Ouahab - Mathematical and Computer ..., 2010 - Elsevier</p> <p>The dynamics of many processes in physics, population dynamics, biology, medicine may be subject to abrupt changes such that shocks, perturbations (see for instance [1] and [2] and</p>

			<p>the references therein). These perturbations may be seen as impulses. For instance, in the periodic</p> <p>Γίνεται αναφορά σε 16 Σχετικά άρθρα Όλες οι 6 εκδοχές Παράθεση Αποθήκευση</p> <p>[PDF] icm.edu.pl</p> <p>Existence and solution sets of impulsive functional differential inclusions with multiple delay M Helal, A Ouahab - Opuscula Mathematica, 2012 - yadda.icm.edu.pl</p> <p>Abstrakty EN In this paper, we present some existence results of solutions and study the topological structure of solution sets for the following first-order impulsive neutral functional differential inclusions with initial condition:[formula] where $J:=[0; b]$ and $0= t_0< t_1<...< t_m< t_{m+}$</p> <p>Γίνεται αναφορά σε 3 Σχετικά άρθρα Όλες οι 6 εκδοχές Παράθεση Αποθήκευση</p> <p>Gruyter Series in Nonlinear Analysis and Applications 10 J Appell, C Bandle, M Kato, BN Sadovsky, A Vignoli... - 2004 - degruyter.com</p> <p>Mathematics Subject Classification 2010:26E25, 34-01, 34G20, 34A37, 34A60, 34B15, 34B37, 34B40, 45D05, 47D60, 47G10, 47H04, 47H08, 47H10, 54-01, 54C15, 54C60, 54C65, 54H20, 54H25, 55M15, 55N05. ... ISBN 978-3-11-029344-9 e-ISBN 978-3-11-029356</p> <p>Γίνεται αναφορά σε 1 Σχετικά άρθρα Όλες οι 2 εκδοχές Παράθεση Αποθήκευση</p> <p>[PDF] ams.org</p> <p>[PDF] Periodic solutions for nonlinear Volterra integrodifferential equations in Banach spaces DA Kandilakis, NS Papageorgiou - Commentationes Mathematicae ..., 1997 - emis.ams.org</p> <p>Abstract. In this paper we examine periodic integrodifferential equations in Banach spaces. When the cone is regular, we prove two existence theorems for the extremal solutions in the order interval determined by an upper and a lower solution. Both theorems use only the</p> <p>Σχετικά άρθρα Όλες οι 59 εκδοχές Παράθεση Αποθήκευση Περισσότερα</p> <p>[PDF] archives-ouvertes.fr</p> <p>Contributions aux équations et inclusions différentielles et applications à des problèmes issus de la biologie cellulaire M Helal - 2013 - tel.archives-ouvertes.fr</p> <p>Ce travail propose différents modèles de mathématiques issus à des phénomènes naturels. L'outil indispensable à cette étude sont les inclusions différentielles, les équations (ou les systèmes d'équations) différentielles ou aux dérivées partielles et la théorie des bifurcations.</p> <p>Σχετικά άρθρα Όλες οι 6 εκδοχές Παράθεση Αποθήκευση</p>
	7	19	<p>On the existence of extremal periodic solutions for nonlinear parabolic problems with discontinuities</p> <p>EP Avgerinos, NS Papageorgiou</p> <p>Journal of differential equations 132 (1), 179-201</p> <p>[HTML] Solutions of Cauchy and periodic problems for evolution inclusions with multi-valued w_0-pseudomonotone maps PO Kasyanov, VS Mel'nik, S Toscano - Journal of Differential Equations, 2010 - Elsevier</p> <p>We consider differential-operator inclusions with [Formula: see text]-pseudomonotone multi-valued maps. The problem of investigation of solutions of Cauchy and periodic problems is solved by Faedo–Galerkin (FG) method. Important a priori estimates are obtained. Some</p> <p>Γίνεται αναφορά σε 14 Σχετικά άρθρα Όλες οι 6 εκδοχές Παράθεση Αποθήκευση</p> <p>[BIBΛΙΟ] Evolution Inclusions and Variation Inequalities for Earth Data Processing I: Operator Inclusions and Variation Inequalities for Earth Data Processing</p>

			<p>ON THE EXISTENCE OF EXTRENAL PERIODIC SOLUTIONS FOR NONLINEAR PARABOLIC PROBLEMS WITH DISCONTINUITIES</p> <p>EP Avgerinos, NS Papageorgiou - 1998</p> <p>Γίνεται αναφορά σε 1 - Σχετικά άρθρα - Όλες οι 5 εκδοχές</p> <p>Yokohama City University and Yokohama National University</p> <p>J diff equat 1996</p>	<p>MZ Zgurovsky, VS Mel'nik, PO Kasyanov - 2010 - books.google.com</p> <p>Here, the authors present modern mathematical methods to solve problems of differential-operator inclusions and evolution variation inequalities which may occur in fields such as geophysics, aerohydrodynamics, or fluid dynamics. For the first time, they describe the</p> <p>Γίνεται αναφορά σε 12 Σχετικά άρθρα Όλες οι 5 εκδοχές Παράθεση Αποθήκευση</p> <p>[PDF] nozdr.ru</p> <p>Advances in Applied Mathematics and Global Optimization DY Gao, HD Sherali - AMC, 2009 - Springer</p> <p>Mechanics and mathematics have been complementary partners since Newton's time, and the history of science shows much evidence of the beneficial influence of these disciplines on each other. The discipline of mechanics, for this series, includes relevant physical and</p> <p>Γίνεται αναφορά σε 12 Σχετικά άρθρα Όλες οι 16 εκδοχές Παράθεση Αποθήκευση</p> <p>On a nonlocal diffusion equation with discontinuous reaction D Hilhorst, JF Rodrigues - <i>Advances in Differential Equations</i>, 2000 - projecteuclid.org</p> <p>Abstract We consider the asymptotic derivation of a parabolic equation with nonlocal diffusivity and with a semi-linear nonlocal term that may also be discontinuous. From a reaction-diffusion system where the diffusivity of the second equation is arbitrarily large,</p> <p>Γίνεται αναφορά σε 10 Σχετικά άρθρα Παράθεση Αποθήκευση</p> <p>[PDF] ams.org</p> <p>[PDF] ON FAEDO–GALERKIN METHOD FOR EVOLUTION INCLUSIONS WITH λ_0-PSEUDOMONOTONE MAPS MO Perestyuk, PO Kasyanov... - <i>Memoirs on Differential ...</i>, 2008 - emis.ams.org</p> <p>Abstract. We consider differential-operator inclusions with λ_0-pseudomonotone multi-valued maps. The problem of the investigation of the periodic solutions and of the solutions for initial time value problem has been solved by Faedo–Galerkin method. The important a</p> <p>Γίνεται αναφορά σε 6 Σχετικά άρθρα Όλες οι 21 εκδοχές Παράθεση Αποθήκευση Περισσότερα</p> <p>Operator Inclusions and Variation Inequalities in Infinite-Dimensional Spaces MZ Zgurovsky, VS Mel'nik, PO Kasyanov - <i>Evolution Inclusions and ...</i>, 2011 - Springer</p> <p>Abstract In this chapter we propose the general approach for studying mathematical models of stationary geophysical processes and fields of different nature. In the first section we study functional-topological properties of the resolving operator for operator inclusions with multi-</p> <p>Σχετικά άρθρα Όλες οι 3 εκδοχές Παράθεση Αποθήκευση</p> <p>[PDF] Periodic solutions of quasilinear equations with discontinuous perturbations J Crema, JL Boldrini - <i>Southwest Journal of Pure and Applied ...</i>, 2000 - icmc.usp.br</p> <p>Monotone operators, in particular the ones that are subdifferentials of convex functions, like the p-Laplacean, appear in several situations. For instance, in [6], a problem modelling the behaviour of viscoelastic materials, which includes the p-Laplacean, is studied. These</p> <p>Γίνεται αναφορά σε 4 Σχετικά άρθρα Όλες οι 6 εκδοχές Παράθεση Αποθήκευση Περισσότερα</p>
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<p>4</p>	<p>20</p>	<p>Differential variational inequalities in R^N</p> <p>EP Avgerinos, NS Papageorgiou</p> <p>INDIAN JOURNAL OF PURE AND APPLIED MATHEMATICS 28, 1267-1288</p> <p>Kai scianiae mathematicae 1999</p>	<p>Existence and global bifurcation of periodic solutions to a class of differential variational inequalities Z Liu, NV Loi, V Obukhovskii - International Journal of Bifurcation ..., 2013 - World Scientific</p> <p>Page 1. July 30, 2013 14:0 WSPC/S0218-1274 1350125 International Journal of Bifurcation and Chaos, Vol. 23, No. 7 (2013) 1350125 (10 pages) cO World Scientific Publishing Company DOI: 10.1142/S0218127413501253 EXISTENCE AND GLOBAL BIFURCATION OF PERIODIC</p> <p>Γίνεται αναφορά σε 15 Σχετικά άρθρα Όλες οι 5 εκδοχές Παράθεση Αποθήκευση</p> <p>[PDF] researchgate.net</p> <p>Decay solutions for a class of fractional differential variational inequalities T Dinh Ke, N Van Loi, V Obukhovskii - Fractional Calculus and ..., 2015 - degruyter.com</p> <p>Our aim is to study a new class of differential variational inequalities involving fractional derivatives. Using the fixed point approach, the existence of decay solutions to the mentioned problem is proved. ... MSC 2010: Primary 34K37, 34K09; Secondary 49J40 Key Words and</p> <p>Γίνεται αναφορά σε 5 Σχετικά άρθρα Όλες οι 3 εκδοχές Παράθεση Αποθήκευση</p> <p>[PDF] researchgate.net</p> <p>[PDF] Asymptotic behavior of solutions to a class of differential variational inequalities NT Van Anh, TD Ke - Annales Polonici Mathematici, 2015 - researchgate.net</p> <p>Abstract. We address some questions concerning a class of differential variational inequalities with finite delays. The existence of exponential decay solutions and global attractor for the associated multi-valued semiflow is proved. ... We consider the following differential variational inequality</p> <p>Γίνεται αναφορά σε 3 Σχετικά άρθρα Όλες οι 5 εκδοχές Παράθεση Αποθήκευση Περισσότερα</p> <p>[PDF] researchgate.net</p> <p>[PDF] Topological methods for some classes of differential variational inequalities N Van Loi, TD Ke, V Obukhovskii... - ... OF NONLINEAR AND ..., 2016 - researchgate.net</p> <p>Journal of Nonlinear and Convex Analysis Volume 17, Number 3, 2016, 1– ... TOPOLOGICAL METHODS FOR SOME CLASSES OF DIFFERENTIAL VARIATIONAL INEQUALITIES ... NGUYEN VAN LOI *, TRAN DINH KE, VALERI OBUKHOVSKII † , AND PIETRO ZECCA ‡ ... Abstract.</p> <p>Γίνεται αναφορά σε 3 Σχετικά άρθρα Όλες οι 2 εκδοχές Παράθεση Αποθήκευση Περισσότερα</p>
<p>2</p>	<p>21</p>	<p>Solutions and Periodic Solutions for Nonlinear Evolution Equations with Non-Monotone Perturbations</p> <p>EP Avgerinos, NS Papageorgiou</p> <p>Zeitschrift für Analysis und ihre Anwendungen 17 (4), 859-875</p>	<p>[BIBΛΙΟ] Nonlinear differential equations in ordered spaces S Carl, S Heikkila - 2000 - books.google.com</p> <p>Extremality results proved in this Monograph for an abstract operator equation provide the theoretical framework for developing new methods that allow the treatment of a variety of discontinuous initial and boundary value problems for both ordinary and partial differential</p> <p>Γίνεται αναφορά σε 151 Σχετικά άρθρα Παράθεση Αποθήκευση</p> <p>[PDF] dml.cz</p> <p>Periodic problems and problems with discontinuities for nonlinear parabolic equations T Cardinali, NS Papageorgiou - Czechoslovak Mathematical Journal, 2000 - Springer</p> <p>In this paper we study nonlinear parabolic equations using the method of upper and lower solutions. Using truncation and penalization techniques and results from the theory of operators of monotone type, we prove the existence of a periodic solution between an upper</p>

				Γίνεται αναφορά σε 5 Σχετικά άρθρα Όλες οι 8 εκδοχές Παράθεση Αποθήκευση
2	22	<p>Extremal solutions and relaxation for second order vector differential inclusions</p> <p>E Avgerinos, NS Papageorgiou - Arch. Math, 1998</p> <p>Γίνεται αναφορά σε 2 - Σχετικά άρθρα - Όλες οι 35 εκδοχές</p>	<p>Properties of solutions to second order evolution control systems. I AA Tolstonogov - Siberian Mathematical Journal, 2002 - Springer</p> <p>We consider a control system described by a nonlinear second order evolution equation defined on an evolution triple of Banach spaces (Gelfand triple) with a mixed multivalued control constraint whose values are nonconvex closed sets. Alongside the original system</p> <p>Γίνεται αναφορά σε 4 Σχετικά άρθρα Όλες οι 5 εκδοχές Παράθεση Αποθήκευση</p> <p>[PDF] ams.org</p> <p>[PDF] Свойства решений эволюционных управляемых систем второго порядка. I AA Толстоногов - Сиб. мат. журн, 2002 - emis.ams.org</p> <p>Аннотация: Продолжаются исследования, начатые в первой части. Основное внимание уделено граничности множества допустимых пар траектория-управление системы с невыпуклыми ограничениями в множестве допустимых пар траекторияуправление</p> <p>Γίνεται αναφορά σε 2 Σχετικά άρθρα Όλες οι 55 εκδοχές Παράθεση Αποθήκευση Περισσότερα</p>	
3	23	<p>Almost sure convergence and decomposition of multivalued random processes</p> <p>EP Avgerinos, NS Papageorgiou</p> <p>JOURNAL OF MATHEMATICS 29 (2)</p> <p>Almost sure convergence and decomposition of multivalued random processes</p> <p>EP Avgerinos, NS Papageorgiou - JOURNAL OF MATHEMATICS, 1999</p> <p>Rocky mountain 401-435</p>	<p>Properties of solutions to stochastic set differential equations under non-Lipschitzian coefficients W Fei, Y Li, C Fei - Abstract and Applied Analysis, 2014 - hindawi.com</p> <p>A class of stochastic set differential equations (SSDEs) with non-Lipschitzian coefficients is investigated. We first give the preliminaries on the stochastic set differential equations. Then the nonexplosion of solutions to the SSDEs is discussed. Moreover, the existence and</p> <p>Γίνεται αναφορά σε 1 Σχετικά άρθρα Όλες οι 5 εκδοχές Παράθεση Αποθήκευση Περισσότερα</p> <p>[ΑΝΑΦΟΡΑ] Institute of Mathematical Statistics and Actuarial Science L Dümbgen, T Fissler, R Gatto, D Ginsbourger, J Hüslser...</p> <p>Σχετικά άρθρα Παράθεση Αποθήκευση</p> <p>非利普希茨条件下连续局部鞅驱动的集值随机微分方程 费为银, 梁勇 - 数学学报, 2013 - cqvip.com</p> <p>研究了非利普希茨条件下连续局部鞅驱动的集值随机微分方程.这样的方程在一类随机现象的结果是多值的随机系统建模中是有用的.进而在非利普希茨条件下,集值随机微分方程解的存在唯一性得以证明.还探讨了集值随机微分方程...</p> <p>Σχετικά άρθρα Όλες οι 2 εκδοχές Παράθεση Αποθήκευση</p>	
1	24	<p>Existence and relaxation theorems for nonlinear multivalued boundary value problems</p> <p>EP Avgerinos, NS Papageorgiou</p>	<p>[PDF] A two point boundary value problem for a class of differential inclusions T Donchev, M Quincampoix - JOURNAL OF NONLINEAR AND CONVEX ..., 2004 - Citeseer</p> <p>Abstract A two point boundary value problem for differential inclusions with relaxed one sided Lipschitz right-hand side in Banach spaces with uniformly convex duals are studied. We use successive approximations to obtain nonemptiness and compactness of the solution</p> <p>Γίνεται αναφορά σε 3 Σχετικά άρθρα Όλες οι 12 εκδοχές Παράθεση Αποθήκευση Περισσότερα</p>	

			Applied mathematics & optimization 39 (2), 257-279	
	8	25	<p>Periodic solutions for second order differential inclusions with nonconvex and unbounded multifunction</p> <p>E Avgerinos, N Papageorgiou, N Yannakakis - Acta Mathematica Hungarica, 1999</p> <p>Γίνεται αναφορά σε 8 - Σχετικά άρθρα - Όλες οι 6 εκδοχές</p>	<p>[BIBΛΙΟ] Method of guiding functions in problems of nonlinear analysis V Obukhovskii, P Zecca, N Van Loi, S Kornev - 2013 - Springer</p> <p>The method of guiding functions (MGF) was originally developed by MA Krasnosel'skii and AI Perov as one of the tools for solving problems of periodic oscillations in nonlinear systems (see, eg,[90, 91, 95, 120]). Being geometrically clear and simple to use in applications, it</p> <p>Γίνεται αναφορά σε 30 Σχετικά άρθρα Όλες οι 10 εκδοχές Παράθεση Αποθήκευση</p> <p>[HTML] sciencedirect.com</p> <p>[HTML] Periodic solutions for second order differential equations with discontinuous restoring forces JÁ Cid, L Sanchez - Journal of mathematical analysis and applications, 2003 - Elsevier</p> <p>Skip to content: ...</p> <p>Γίνεται αναφορά σε 10 Σχετικά άρθρα Όλες οι 8 εκδοχές Παράθεση Αποθήκευση</p> <p>[PDF] unsw.edu.au</p> <p>[PDF] On two point boundary value problems for second order differential inclusions L Erbe, R Ma, CC Tisdell - Dynamic Systems and Applications, 2006 - maths.unsw.edu.au</p> <p>ABSTRACT. The authors consider consider a two point boundary value problem (BVP) for second order differential inclusions. Some inequalities are introduced so that all solutions to the BVP are bounded a priori. These bounds are then applied to prove the existence of</p> <p>Γίνεται αναφορά σε 9 Σχετικά άρθρα Παράθεση Αποθήκευση Περισσότερα</p> <p>[PDF] 123.57.41.99</p> <p>On systems of boundary value problems for differential inclusions L Erbe, CC Tisdell, PJY Wong - Acta Mathematica Sinica, 2007 - Springer</p> <p>Abstract Herein we consider the existence of solutions to second-order, two-point boundary value problems (BVPs) for systems of ordinary differential inclusions. Some new Bernstein–Nagumo conditions are presented that ensure a priori bounds on the derivative of solutions</p> <p>Γίνεται αναφορά σε 7 Σχετικά άρθρα Όλες οι 11 εκδοχές Παράθεση Αποθήκευση</p> <p>[PDF] icm.edu.pl</p> <p>Systems of differential inclusions in the absence of maximum principles and growth conditions CC Tisdell - Discussiones Mathematicae, Differential Inclusions, ..., 2006 - yadda.icm.edu.pl</p> <p>Abstract This article investigates the existence of solutions to second-order boundary value problems (BVPs) for systems of ordinary differential inclusions. The boundary conditions may involve two or more points. Some new inequalities are presented that guarantee a priori</p> <p>Γίνεται αναφορά σε 2 Σχετικά άρθρα Όλες οι 9 εκδοχές Παράθεση Αποθήκευση</p> <p>[HTML] sciencedirect.com</p> <p>[HTML] On the existence of solutions for a class of second-order differential inclusions and applications N Van Loi, V Obukhovskii - Journal of Mathematical Analysis and ..., 2012 - Elsevier</p> <p>In this paper, by extending the method of guiding functions, we give sufficient conditions for the existence of solutions to the problem $equation(1.1)$ where Q is.</p>

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			<p>Γίνεται αναφορά σε 2 Σχετικά άρθρα Όλες οι 4 εκδοχές Παράθεση Αποθήκευση</p> <p>Second-Order Differential Inclusions V Obukhovskii, P Zecca, N Van Loi... - Method of Guiding ..., 2013 - Springer</p> <p>Abstract Various aspects of the theory of second-order differential inclusions attract the attention of many researchers (see., eg, 1, 2, 6, 12, 18, 42, 46, 47, 68, 70, 97). In this chapter we consider the boundary value problem of form 4.1 $u'' \in Q(u, \lambda)$; $u(0) = u(1) = 0$, for</p> <p>Σχετικά άρθρα Παράθεση Αποθήκευση</p> <p>[PDF] vsu.ru</p> <p>[PDF] Методы направляющих и ограничивающих функций и их приложения к некоторым задачам дифференциальных уравнений и включений НВАН ЛОЙ - science.vsu.ru</p> <p>Качественные и геометрические методы имеют давнюю традицию успешного применения к различным задачам теории дифференциальных уравнений. Эти методы и их приложения восходят к именам H. Poincaré, LEJ Brouwer'a, ПС Александрова, Н.</p> <p>Σχετικά άρθρα Όλες οι 2 εκδοχές Παράθεση Αποθήκευση Περισσότερα</p>
Total 110			