

<p><b>Faculty of Mathematics</b></p> <p>Address: Bd. Carol I , 11 RO – 700506 Iasi</p> <p>Tel. + 40 232 201060 Fax + 40 232 201160 <a href="http://www.math.uaic.ro">http:// www.math.uaic .ro</a></p>	<p><b>Director of Scientific Research Department</b> Prof. Mihai Anastasiei</p>	<p><b>Department of Mathematics</b> Head: Prof. Dr. Gheorghe Aniculăesei Tel. + 40 232 201371 Fax + 40 232 201160 E-mail: <a href="mailto:gani@uaic.ro">gani@uaic.ro</a></p>	<p>- Convex analysis, monotone operators, vector optimisation. Measure theory. Complex functions. Optimisation and set-valued optimisation. Multivalued Analysis. Potential theory; semi-dynamical systems.</p> <p>- Partial differential equations. Control theory. Nonlinear Analysis and Differential Equations. Viability and invariance, applications. Numerical methods for PDE, models for differential equations and optimal control. Mathematical Biology.</p> <p>- Mechanics of Continua. Thermoelasticity. Theory of shells and plates.</p> <p>- Stochastic analysis.</p> <p>Contact: Prof. dr Cătălin Lefter Tel. + 40 232 201223; Fax + 40 232 201160 E-mail: <a href="mailto:lefter@uaic.ro">lefter@uaic.ro</a></p> <p>- Geometric structures on manifolds and on fibre bundles: Finsler, Riemann, Lagrange manifolds and generalizations. Applications.</p> <p>- Algebraic topology, homotopy, shape theory.</p> <p>- Group theory, ordered structures. Fuzzy structures. Hyperstructures. Categories, topoi. Fixed point theory. Non-abelian homological algebra, algebraic number theory, rings and modules.</p> <p>Contact: Prof. dr. Mihai Anastasiei Tel. + 40 232 201219; Fax + 40 232 201160 E-mail: <a href="mailto:anastas@uaic.ro">anastas@uaic.ro</a></p>	<p><b>Infrastructure</b></p> <p>Library: „Al. Myller” Mathematical Seminar, 40 PCs, printers, access to AMS and Z.BI. databases.</p>	<p>RESEARCH EXCELLENCE CENTRE MATHEMATICAL ANALYSIS AND APPLICATIONS</p> <p>RESEARCH CENTRE ALGEBRAIC, GEOMETRIC AND TOPOLOGIC STRUCTURES AND APPLICATIONS (SAGTA)</p>
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