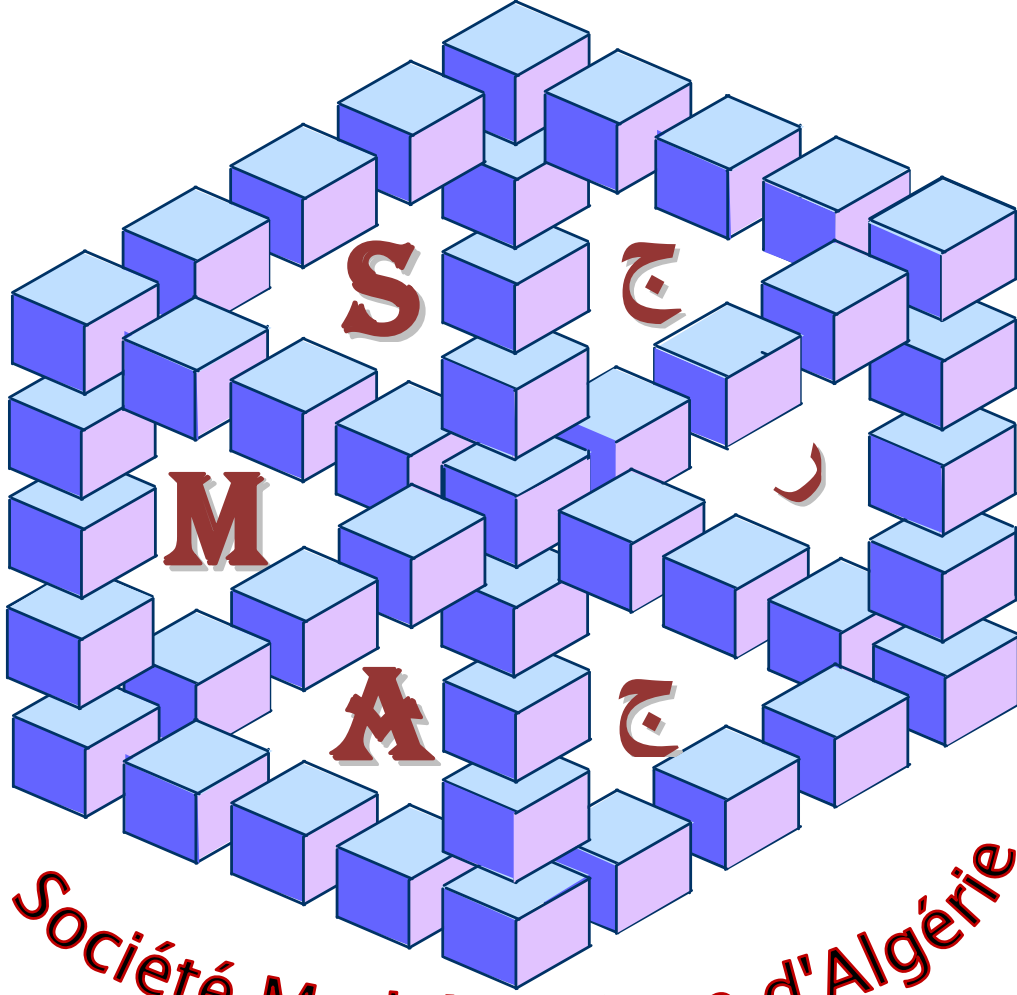الجمعية الرياضياتية الجزائرية

Société Mathématique d'Algérie

Mathematical Society of Algeria

*Candidacy for Membership of the
International Mathematical Union*

Content

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1. A sample of conferences organized by mathematicians from Algerian universities during the last ten (10) years

2011

- **May 30–June 2, 2011:** Second International Symposium on Operational Research (Deuxième Symposium International sur la Recherche Opérationnelle, ISOR11), Algiers.

- **April 24–28, 2011:** International Colloque on Optimization and Information Systems (Colloque international sur l´Optimisation et les Systèmes d´Information, COSI´2011), Guelma.

- **April 19–20, 2011:** Pedagogical and Didactical Days of Mathematics (Journées Pédagogiques et Didactiques de Mathématiques, JPDM´11), U.S.T.H.B., Algiers.

- **March 1st, 2011:** Second Algero-Tunisian Day of Partial Differential Equations and Control (2ème Journée Algéro-Tunisienne d'Equations aux Dérivées Partielles et de Contrôle), Sidi Bel Abbès.

2010

- **November 21–23, 2010:** Stochastic and Statistical Modelisation (*Modélisation Stochastique et Statistique, MSS'2010), Algiers.*

- **November 7–9, 2010:** International Colloque on the Applied Mathematics (Colloque International sur les Mathématiques Appliquées, CIMA'10), Guelma.

- **October 24-26, 2010:** 7th Meeting of Mathematical Analysis and its Applications (7ème Rencontre d'Analyse Mathématique et ses Applications, RAMA'7), Batna.

- **June 11-17, 2010:** Summer School on Porouse Backgrounds (Ecole d'été "Milieux Poreux"), Tipaza.

- **June 19-22, 2010:** Meetings on Partial Differential Equations (Rencontres EDP), Tipaza.

- **June 6-10, 2010:** 5th School son Abstract and Ordinary Differential Equations (5ème Ecole sur les équations différentielles abstraites et ordinaires), Guelma.

- **May 30-June 3, 2010:** 7th Euro-Maghreb Workshop on Evolution Equations, Annaba.

- **May 9-13, 2010:** Workshop on the Analysis of Distributed Dynamical Systems and Control (Workshop Analyse des Systèmes Dynamiques Distribués et Contrôle), Oum El Bouaghi.

- **April 21-22, 2010:** Pedagogical and Didactical Days of Mathematics (Journées Pédagogiques et Didactiques de Mathématiques, JPDM´10), Algiers.

- **April 18-20, 2010:** International Colloque on Optimization and Information Systems (Colloque international sur l´Optimisation et les Systèmes d´Information, COSI´2011), Ouargla.

- **April 14-17, 2010:** International Workshop on Multivariate Risks and Copulas, Biskra.

- **February 1, 2010:** Workshop on the Disaffection of the Mathematical Studies (Atelier sur la désaffection des filières mathématiques), Algiers.

2009

- **November 19-21, 2009:** School on the New Numerical Advances (Ecole sur les nouvelles Avancées Numériques), Annaba.

- **November 8-10, 2009:** International Colloque on the Distributed Dynamical Systems and Control (Colloque International sur les Systèmes Dynamiques Distribués et Contrôle), Oum El Bouaghi.

- **Novembre 3-4, 2009:** Intenational Days of Applied Algebra (Journées Internationales d'Algèbre Appliquée), Jijel.

- **October 26-28, 2009:** International Conference on The Mathematics and Applications (Conférence Internationale sur les Mathématiques et Applications, CIMA 2009), Annaba.

- **May 25-27, 2009:** International Colloque on Optimization and Information Systems (Colloque international sur l´Optimisation et les Systèmes d´Information, COSI´2010), Annaba.

- **May 10-11, 2009:** Meeting of Mathematicians of Algeria (Rencontre des Mathématiciens Algériens, R.M.A'2009), Algiers.

- **May 2, 2009:** Workshop: Actuarial and Financial Mathematics (Actuariat et Mathématiques Financières), Béjaia.

- **April 21-22, 2009:** Pedagogical and Didactical Days of Mathematics (Journées Pédagogiques et Didactiques de Mathématiques, JPDM´09), Algiers.

- **April 16, 2009:** Maghrebian Colloque "Philosophical And Mathematical Eclosions" (Colloque Maghrébin "Eclosions Philosophique et Mathématique"), Constantine.

- **April 13-14, 2009:** 5th Colloque of Mathematical Analysis and Applications (5ème Colloque d'Analyse Mathématique et Applications, CNAMA5), BEJAIA.

- , 13 et 14 Avril 2009 (Tebessa, Guelma, Jijel).

- **May 23-28, 2009:** Fourth Colloque of the GGTM network (Quatrième colloque du réseau GGTM: Groupement pour le Développement de la Géométrie et la Topologie au Maghreb), Tipaza.

2008

- **December 17–18, 2008:** Vth International Workshop on Probability And Stochastic Analysis, Biskra.

- **November 29-30, 2008:** 9th Colloque of Algebra and Number Theory (9ème colloque d'Algèbre et Théorie des Nombres), Constantine.

- **November 22-24, 2008:** Days of Statistics, Modelisation and Applications (Journées de Statistique, Modélisation et Application, JSMA'2008), Algiers.

- **November 13-15, 2008:** 3rd Days of Differential Equations and their Applications (3èmes Journées d'Equations Différentielles et leurs Applications), Annaba.

- **November 10-12, 2008:** Study Days on Differential Equations and Applications (Journées d'Etudes sur les Equations Différentielles et Applications, JEEDA'08), Annaba.

- **November 2-8, 2008**: First International Symposium on Operational Research (Premier Symposium International sur la Recherche Opérationnelle, ISOR08), Algiers.

- **October 28-30, 2008:** International Seminary on Mathematical Analysis (Séminaire International sur l'Analyse Mathématique, SIAM'08), Jijel.

- **October 18-19, 2008:** International Colloque of Statistics of the Processes and Applications (Colloque International de Statistique des Processus et Applications, CISPA 2008), Constantine.

- **October 18-23, 2008:** Second International Colloque on Dynamical Systems (Deuxième Colloque International en Systèmes Dynamiques), Algiers.

- **October 18-19, 2008:** International Colloque on Statistics of Process and Applications (Colloque International Statistique des Processus et Application, CISPA), Constantine.

- **June 6-8, 2008:** International Colloque on Optimization and Information Systems (Colloque international sur l´Optimisation et les Systèmes d´Information, COSI´2008), Tizi-Ouzou.

- **May 24-29, 2008:** 3rd Schools ADE-ODE: Abstract Differential Equations-Ordinary Differential Equations (3èmes Ecoles EDA-EDO: Equations différentielles abstraites-Equations différentielles ordinaires), Mostaganem.

- **April 26-28, 2008:** 6th Meeting of Mathematical Analysis and its Applications (6ème Rencontre d'Analyse Mathématique et ses Applications, RAMA'6), Tizi-Ouzou.

- **April 22-23, 2008:** Pedagogical and Didactical Days of Mathematics (Journées Pédagogiques et Didactiques de Mathématiques, JPDM´08), Algiers.

- **April 25-May 7, 2008:** CIMPA School (Ecole du CIMPA), Tlemcen.

- **April 22-25, 2008**: International Seminary of Applied Mathematics and Simulation (Séminaire International de Mathématiques Appliquées et Simulation), Oum El Bouaghi.

2007

- **November 1-21, 2007:** International Colloque on Non Linear Analysis and Applications (Colloque International sur l'Analyse non Linéaire et Applications, ANL'07), Sétif.

- **November 18-20, 2007:** International Conference on Decision Aid Methods and Tools (Méthodes et Outils d'Aide à la Decision, MOAD'2007), Bejaia.

- **November 5-7, 2007:** International Colloque on Partial Differential Equations and their Applications (Colloque International sur les Equations aux Dérivées Partielles et leurs Applications, CISEDPA 07), Guelma.

- **November 3-9, 2007:** Sixth School of Differential Geometry and Dynamical Systems (Sixième Ecole de Géométrie Différentielle et Systèmes Dynamiques), Algiers.

- **October 21-23, 2007:** School of Dynamical Systems and Differential Equations (Ecole de Systèmes Dynamiques et Equations Différentielles), Annaba.

- **June 11-13, 2007:** International Colloque on Optimization and Information Systems (Colloque international sur l'Optimisation et les Systèmes d'Information, COSI'2007), Annaba.

- **May 21-22, 2007:** VIIth Colloque of Algebra and Number Theory (VII Colloque d'Algèbre et Théorie des nombres), Algiers.

- **May 19 – 24, 2007:** Second Schools on Differential Equations (Deuxièmes Ecoles sur les Equations Différentielles), Jijel.

- **May 12-14, 2007:** IXth Maghrebian Colloque on History of Arab Mathematics (IXe colloque maghrébin sur l'histoire des mathématiques arabes), Tipaza.

- **April 24-25, 2007:** Pedagogical and Didactical Days of Mathematics (Journées Pédagogiques et Didactiques de Mathématiques, JPDM'07), Algiers.

- **April 22-25, 2007:** International Seminary of Applied Mathematical and Simulation (Séminaire International de Mathématiques Appliquées et Simulation), Oum El Bouaghi.

- **April 21-22, 2007:** Days of Theoretical and Applied Statistics (Journées de Statistique Théorique et Appliquée), Biskra.

- **April 14-18, 2007:** Trends in Applied Mathematics in Tunisia, Algeria and Marocco "TAMTAM 07" (Troisième Colloque sur les Tendances dans les Applications Mathématiques en Tunisie, Algérie et Maroc), Algiers.

2006

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- **December 16-18, 2006:** 4nd International Workshop on Probability and Stochastic Analysis, Biskra.

- **November 20-22, 2006:** School-Symposium on Discrete Mathematics (École-Symposium sur les Mathématiques Discrètes), Oran.

- **November, 13-15, 2006:** 2nd Days of Differential Equations and Applications (2èmes Journées d'Equations Différentielles et leurs Applications), Annaba.

- **November 4-9, 2006:** Fifth School of Differential Geometry and Dynamical Systems (Cinquième Ecole de Géométrie Différentielle et Systèmes Dynamiques), ENSET-Oran.

- **June 11-13, 2006:** International Colloque on Optimization and Information Systems (Colloque international sur l'Optimisation et les Systèmes d'Information, COSI'2006), Algiers.

- **May 29-30, 2006:** National Seminary STAT'06 "Statistics and Applications" (Séminaire National STAT'06 "Statistique et Applications"), Tizi Ouzou.

- **April 19-20, 2006:** Pedagogical and Didactical Days of Mathematics (Journées Pédagogiques et Didactiques de Mathématiques, JPDM'06), Algiers.

- **Avril 15, 2006:** First Day of Actuariat (Première Journée d'Actuariat), Algiers.

- **April 10-12, 2006:** 5th Meeting of Mathematical Analysis and its Applications (5ème Rencontre d'Analyse Mathématique et ses Applications, RAMA'5), M'Sila.

- **April 8-13, 2003:** Third School of Differential Geometry and Dynamical Systems (Troisième Ecole de Géométrie Différentielle et Systèmes Dynamiques), Algiers.

- **March 25-29, 2006:** School-Symposium of Dynamical Systems and Ordinary Differential Equations (Ecole-Symposium de Systèmes Dynamiques et Equations Différentielles Ordinaires), Sidi-Bel-Abbès.

- **January 21-26, 2006:** School-Symposium: Singular perturbations in control theory and dynamics of populations (Ecole-Symposium: perturbations singulières en théorie du contrôle et en dynamique des populations), Tlemcen.

2005

- **December 17-19, 2005:** 3rd International Workshop on Probability and Stochastic Analysis, Biskra.

- **December 17-22, 2005:** Winter School of Geometry and Cosmology (Ecole d'hiver de Géométrie et Cosmologie), Mascara.

- **November 26-28, 2005:** Mathematical Algerian-French Days (Journées Mathématiques Algéro-Française), Constantine.

- **July 16-21, 2005:** Second School of Differential Geometry and Dynamical Systems (Deuxième Ecole de Géométrie Différentielle et Systèmes Dynamiques), Algiers.

- **February 27-March 8, 2005:** CIMPA-UNESCO School Geometry and Riemannian and pseudo-Reimannian Dynamics and Applications (Ecole CIMPA -UNESCO Algérie, Géométrie et dynamiques riemanniennes et pseudo riemanniennes, et application), El-Oued.

- **February 27-March 8, 2005:** Algerian-French Winter School on Didactics of Mathematics (Ecole d'Hiver Algéro-Française sur la Didactique des Mathématiques), Algiers-Béjaia.

- **June 12-14, 2005:** International Colloque on Optimization and Information Systems (Colloque international sur l´Optimisation et les Systèmes d´Information, COSI´2005), Bejaia.

- **May 23-26, 2005:** Colloque on Non-Linear Partial dsifferential Equations (Colloque Equations aux dérivées partielles non linéaires), Tipaza.

- **May 7-9, 2005:** 2nd Algerian-French Colloque of Algebra and Number Theory (2ème Colloque Algéro-Français de Théorie des Nombres), Algiers.

- **April 18-19, 2005:** Pedagogical and Didactical Days of Mathematics (Journées Pédagogiques et Didactiques de Mathématiques, JPDM´05), Algiers.

2004

- **December 15-29, 2004:** First School of Differential Geometry and Dynamical Systems (Première Ecole de Géométrie Différentielle et Systèmes Dynamiques), Algiers.

- **December 11-16, 2004:** 2nd International Workshop on Probability and Stochastic Analysis, Biskra.

- **November 23-24, 2004:** National Seminary on Teaching Methods of Mathematics (Séminaire National sur les Méthodes d´Enseignement des Mathématiques), Tébessa.

- **November 28-29, 2004:** International Conference on Decision Aid Methods and Tools (Méthodes et Outils d'Aide à la Decision, MOAD'2004), Saida.

- **November 21-23, 2004:** 4th National Colloque of Applied Mathematical Analysis (4ème Colloque National d'Analyse Mathématique Appliquée), Jijel.

- **October 10-12, 2004:** School of Differential Geometry (Ecole de Géométrie Différentielle), Saïda.

- **July 1-10, 2004:** School of Differential Geometry (Ecole de Géométrie Différentielle), Algiers.

- **June 7-9, 2004:** International Colloque on Optimization and Information Systems (Colloque international sur l´Optimisation et les Systèmes d´Information, COSI´2004), Tizi-Ouzou.

- **April 27-30, 2004:** 4th Meeting of Mathematical Analysis and Applications (6ème Rencontre d'Analyse Mathématique et ses Applications, RAMA'04), Setif.

- **April 17-19, 2004:** Stochastic and Statistical Modelisation (*Modélisation Stochastique et Statistique, MSS'2004), Algiers.*

- **April 12-14, 2004:** Pedagogical and Didactical Days of Mathematics (Journées Pédagogiques et Didactiques de Mathématiques, JPDM´04), Algiers.

2003

- **December 6-8, 2003:** International Workshop on Probability and Stochastic Analysis, Biskra.

- **September 28-October 1, 2003:** Colloque on Dynamical Systems: Past, Present ans Future (Colloque Systèmes Dynamiques: Passé, Présent et Avenir), Algiers.

- **May 10-12, 2003:** first International Conference on the Mathematical and Computing Models and Methods of Dynamics of the Populations (Première Conférence Internationale sur les Modèles et Méthodes Mathématiques et Informatiques en Dynamique de Population CIMMIDPI 03), Tlemcen.

- **April 16-May 04, 2003:** CIMPA School (Ecole du CIMPA), Tlemcen.

- **April 16-17, 2003:** Pedagogical and Didactical Days of Mathematics (Journées Pédagogiques et Didactiques de Mathématiques, JPDM´03), Algiers.

2002

- **May 21-23, 2002:** 3rd Meeting of Mathematical Analysis and Applications (3ème Rencontre d'Analyse Mathématique et ses Applications, RAMA3), Bejaia.

- **May 5-6, 2002:** Study Days on the Teaching Methods of Mathematics (Journées d'étude nationales sur les méthodes d'enseignement des mathématiques), Tébessa.

- **April 16-17, 2002:** Pedagogical and Didactical Days of Mathematics (Journées Pédagogiques et Didactiques de Mathématiques, JPDM´02), Algiers.

2001

- **April 17-19, 2001:** 3rd National Colloque of Functional Analysis and its Applications (IIIème Colloque National d'Analyse Fonctionnelle et Applications), Ouargla.

- **April 29-30, 2001**: Pedagogical and Didactical Days of Mathematics (Journées Pédagogiques et Didactiques de Mathématiques, JPDM´01), Algiers.

2000

- **November 19-21, 2000:** 2nd Meeting of Mathematical Analysis and its Applications (2ème Rencontre d'Analyse Mathématique et ses Applications, RAMA'2), M'Sila.

- **November 13-14, 2000:** Days of Applied Mathematics (Journées de Mathématiques Appliquées, JMA'2000), Blida.

- **October 24–26, 2000:** 4th Maghrebian Conference on Differential Equations and their Applications (Quatrième Conférence Maghrébine sur les Equations Différentielles et leurs Applications), Sétif.

- **October 17–18, 2000:** International Conference on Decision Aid Methods and Tools (Méthodes et Outils d'Aide à la Décision, MOAD'2000), Sidi Bel Abbès.

- **November 11-12, 2000:** Mediterranean Conference "Fractals'2000" (Conférence Méditerranéenne "Fractales'2000"), Constantine.

- **May 21–24, 2000:** Meeting of Mathematicians of Algeria (Rencontre des Mathématiciens Algériens, R.M.A'2000), Algiers.

- **May 7-9, 2000:** 2nd National Colloque of Applied Mathematics (2nd Colloque National Mathématiques Appliquées), Tébessa.

2. A sample of research papers published in international journals by mathematicians from Algerian universities during the last ten (10) years

2011

1 Aissani Amar; An $M^{X}/G/1$ energetic retrial queue with vacations and control. IMA J. Manag. Math. 22, No. 1, 13-32 (2011).

2 Bahlali Khaled, Gherbal Boulekhrass, Mezerdi Brahim; Existence of optimal controls for systems driven by FBSDEs. Systems & Control Letters 60(5): 344-349 (2011)

3 Bareche Aïcha, Aïssani Djamil; Statistical techniques for a numerical evaluation of the proximity of G/G/1 and G/M/1 queueing systems, Computers & Mathematics with Applications 61, No. 5, 1296-1304 (2011).

4 Belbachir Hacène, Rahmani Mourad; Sury, B., Sums involving moments of reciprocals of binomial coefficients. (English) J. Integer Seq. 14, No. 6, Article 11.6.6, 16 p., electronic only (2011).

5 Benalili Mohammed; Linearization of vector fields and embedding of diffeomorphisms in flows via Nash-Moser Theorem, J. Geom. Phys., 61(2011) 62-76.

6 Blidia Mostafa, Chellali Mustapha, Maffray Frederic, R. Louenes; Characterizations of trees with unique minimum locating-dominating sets. JCMCC, 76 (2011) 225—232.

7 Blidia Mostafa, Dali Widad; A characterization of locating-total domination edge critical graphs, Discussiones Mathematicae Graph Theory 31 1(2011), 197-202.

8 Bouchekif, Mohammed, Matallah Atika; On singular elliptic equations involving a concave term and critical Caffarelli-Kohn-Nirenberg exponent. Math. Nachr. 284 (2011) 177-185.

9 Boucherif Abdelkader; Discontinuous Parabolic Problems with a Nonlocal Initial Condition, Boundary Value Problems, vol. 2011, pp. 1-11, 2011.

10 Bouzar Chikh, Saidi Tayeb; Fourier analysis of generalized functions, Integral Transforms Spec. Funct. 22, No. 4-5, 337-344 (2011).

11 Bouzefrane Mohamed, Chellali Mustapha; A note on global alliances in trees. Opuscula Mathematica 31(2011)153-158.

12 Lekadir Ouiza, Aissani Djamil; Error bounds on practical approximation for two tandem queue with blocking and non-preemptive, Computers & Mathematics with Applications 61, No. 7, 1810-1822 (2011).

13 Lobry Claude, Sari Toufik, Yadi Karim; Coexistence of three predators competing for a single biotic resource, Advances in the Theory of Control, Signals and Systems with Physical Modeling, Lecture Notes in Control and Information Sciences, Springer 2011, 407(2011) 309-321.

14 Mihoubi Miloud, Belbachir Hacène; The (Exponential) bipartitional polynomials and polynomial sequences of trinomial type. I. (English) Integers 11, No. 2, 205-226 (2011).

2010

1. Abada Nadjet, Benchohra Mouffak, Hadda Hammouche, Nonlinear impulsive partial functional differential inclusions with state-dependent delay and multivalued jumps, Nonlinear Analysis: Hybrid Systems, vol. 4, no. 4, pp. 791-803, 2010.

2. Abbaoui K., Pujol M. J., Cherruault Y., Himoun N., Grimalt P.; A new formulation of Adomian method: Convergence result, Kybernetes, vol. 30, no. 9/10, pp. 1183-1191, 2001.

3. Abbas Karim, Aïssani Djamil; Strong stability of the embedded Markov chain in an $GI/M/1$ queue with negative customers. Appl. Math. Modelling 34, No. 10, 2806-2812 (2010).

4. Abbas Karim, Aïssani Djamil; Structural perturbation analysis of a single server queue with breakdowns. Stoch. Models 26, No. 1, 78-97 (2010).

5. Abbas Karim, Heidergott Bernd, Aissani Djamil; A Taylor series approach to the numerical analysis of the M/D/1/N queue, Procedia CS 1, No. 1, 1553-1560 (2010).

6. Abbas Saïd, Agarwal Ravi P., Benchohra Mouffak; Darboux problem for impulsive partial hyperbolic differential equations of fractional order with variable times and infinite delay, Nonlinear Analysis: Hybrid Systems, vol. 4, no. 4, pp. 818-829, 2010.

7. Abbas Saïd, Benchohra Mouffak; Upper and lower solutions method for impulsive partial hyperbolic differential equations with fractional order, Nonlinear Analysis: Hybrid Systems, vol. 4, no. 3, pp. 406-413, 2010.

8. Achache Mohamed; Complexity analysis and numerical implementation of a short-step primal-dual algorithm for linear complementarity problems, Applied Mathematics and Computation, vol. 216, no. 7, pp. 1889-1895, 2010.

9. Adiche Chahrazad, Aïder Méziane; A hybrid method for solving the multi-objective assignment problem, J. Math. Model. Algorithms 9, No. 2, 149-164 (2010).

10. Affane Atallah; Compatibilité d'un fibré de Dirac avec une connexion, C. R. Acad. Sci. Paris, Série I 348, (2010).

11. Agarwal Ravi P., Benchohra Mouffak, Hamani Samira; A Survey on Existence Results for Boundary Value Problems of Nonlinear Fractional Differential Equations and Inclusions, Acta Applicandae Mathematicae, vol. 109, no. 3, pp. 973-1033, 2010.

12. Aibeche Aissa, Laidoune Karima, Rhandi Abdelaziz; Time dependent Lyapunov functions for some Kolmogorov semigroups perturbed by unbounded potentials, Archiv Der Mathematik, vol. 94, no. 6, pp. 565-577, 2010.

13. Ait Amrane Yacine; Generalized Steinberg representations for split reductive groups, CRAS, Acad. Sci. Paris, Ser. I 348 (2010).

14. Aït Haddadène Hacène, Hamadi Ahmed; Approaches that solve combinatorial problems for some new classes, International Journal of Data Analysis and Information Systems (IJDAIS), Vol. 2, N° 1, 2010.

15 Aït Haddadène Hacène, Issaadi Hayet; Perfect Graphs and Vertex Coloring Problem IAENG. International Journal of Applied Mathematics.

16 Aknouche Abdelhakim, Rabehi Nadia; On an independent and identically distributed mixture bilinear time-series model, Journal of Time Series Analysis, vol. 31, no. 2, pp. 113-131, 2010.

17 Arara Amaria, Benchohra Mouffak, Hamidi Naima, Nieto Juan J.; Fractional order differential equations on an unbounded domain, Nonlinear Analysis-theory Methods & Applications, vol. 72, no. 2, pp. 580-586, 2010.

18 Badis Abdelhafid, Trabelsi Nadir; Soluble minimal non-(finite-by-Baer)-groups, Ricerche Di Matematica, vol. 59, no. 1, pp. 129-135, 2010

19 Batat Wafa, Rahmani Salima; Isometries, Geodesics and Jacobi Fields of Lorentzian Heisenberg Group, Mediterranean Journal of Mathematics, vol. 7, no. 1, 2010.

20 Batat Wafa, Rahmani Salima; On the Existence of a Codimension 1 Completely Integrable Totally Geodesic Distribution on a Pseudo-Riemannian Heisenberg Group, Symmetry Integrability and Geometry-methods and Applications, 2010.

21 Belaïdi Benharrat; El Farissi Abdallah; Relation between differential polynomials and small functions. Kyoto J. Math. Volume 50, Number 2 (2010).

22 Belhamiti Omar, Labbas Rabah, Lemrabet Keddour, Medeghri Ahmed; Study of boundary value and transmission problems governed by a class of variable operators verifying the Labbas-Terreni non commutativity assumption, Revista Matematica Complutense, vol. 23, no. 2, 2010.

23 Belmekki Mohammed, Benchohra Mouffak, Existence results for fractional order semilinear functional differential equations with nondense domain, Nonlinear Analysis-theory Methods & Applications, vol. 72, no. 2, pp. 925-932, 2010.

24 Belmekki Mohammed, Benchohra Mouffak, Ezzinbi Khalil, SotiriNtouyas Sotiris K.; Existence Results for Semilinear Perturbed Functional Differential Equations of Neutral Type with Infinite Delay, Mediterranean Journal of Mathematics, vol. 7, no. 1, pp. 1-18, 2010.

25 Benalili Mohammed, Boughazi Hichem; On the second Paneitz-Branson invariant. Houston J. Math. 36 (2010), no. 2, 393--420.

26 Benalili Mohammed; Existence and multiplicity of solutions to fourth order elliptic equations with critical exponent on compact manifolds, Bull. Belg. Math. Soc. Simon Stevin, 17 (2010) 607-622.

27 Benalili Mohammed; Nodal solutions to quasilinear elliptic equations on compact Riemannian manifolds, Commun. Contemp.Math., Volume: 12, Issue: 6 (December 2010), pp. 909-937.

28 Benbachir, Maamar; Yadi, Karim; Bebbouchi, Rachid. Slow and fast systems with Hamiltonian reduced problems. Electron. J. Differential Equations 2010, No. 06, 19 pp.

29 Benchohra Mouffak, Hamani Samira, Nieto Juan J.; The Method of Upper and Lower Solutions for Second Order Differential Inclusions with Integral Boundary Conditions, Rocky Mountain Journal of Mathematics, vol. 40, no. 1, pp. 13-26, 2010.

30 Benmerzouk Djamila, Barbot Jean Pierre; Chaotic behavior analysis based on sliding bifurcations. Nonlinear Anal. Hybrid Syst. 4 (2010), no. 3, 503--512.

31 Bensaid Souad, Bouziani Abdelfatah, Zereg Moussa; Modified backward Euler method for the heat equation subject to nonlocal boundary specifications, Applied Mathematical Sciences, Vol. 4, no. 31, (2010), 1509-1519.

32 Bensid Sabri, Bouguima Sidi Mohammed; Existence and multiplicity of solutions to elliptic problems with discontinuities and free boundary conditions. Electron. J. Differential Equations 2010, No. 56, 16 pp.

33 Bibi Abdelouahab, Aknouche Abdelhakim; Stationnarité et β-mélange des processus bilinéaires généraux à changement de régime markovien, Comptes Rendus Mathematique, vol. 348, no. 3-4, pp. 185-188, 2010.

34 Bibi Abdelouahab, Aknouche Abdelhakim; Yule-Walker type estimators in periodic bilinear models: strong consistency and asymptotic normality. Stat. Methods Appl. 19, 1, 2010.

35 Blidia Mostafa, Chellali Mustapha, S. Khelifi, Maffray Frederic, Double Domination Edge Removal Critical Graphs. Australasian Journal of Combinatorics, 48 (2010) 285—299.

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3. A sample of mathematicians from Algerian universities and their scientific production during the last ten (10) years

Name	Affiliation	Number of publications	H-index	Co-authors Total/from Algeria	Citations
Abbas Moncef	U.S.T.H.B.	9	2	7 / 5	24
Abdellaoui Boumediene	U.A.B.Tlemcen	26	7	10 / 1	120
Abdesselam Boucif	U.Mascara	21	6	20 / 8	159
Achour Dahmane	U.M'Sila	4	2	3 / 3	6
Aibeche Aissa	U.F.A.Setif	7	1	7 / 4	2
Aïder Méziane	U.S.T.H.B.	13	3	5 / 3	17
Aissani Amar	U.S.T.H.B.	7	1	5 / 4	4
Aissani Djamil	U.A.M.Bejaia	24	2	23 / 18	20
Aknouche Abdelhakim	U.S.T.H.B.	16	2	7 / 6	11
Baghli Selma	U.D.L.Sidi Bel Abbes	4	2	2 / 1	5
Belaidi Benharrat	U.Mostaganem	15	3	5 / 5	23
Belarbi Abdelkader	U.D.L.Sidi Bel Abbes	6	3	4 / 3	20
Belarbi Malika	U.D.L.Sidi Bel Abbes	4	1	2 / 2	2
Belbachir Hacène	U.S.T.H.B.	10	2	10 / 1	7
Belmekki Mohammed	U.D.L.Sidi Bel Abbes	7	2	7 / 4	15
Benabidallah Rachid	U.M.M.Tizi-Ouzou	8	2	6 / 2	36
Benaissa Abbes	U.D.L.Sidi Bel Abbes	15	3	8 / 5	18
Benalili Mohamed	U.A.B.Tlemcen	13	1	4 / 4	4
Benchohra Moffak	U.D.L.Sidi Bel Abbes	111	10	41 / 23	466
Bendjoudi Ahcène	E.S.I.Oued Smar	6	2	14 / 4	5
Benmezai Abdelhamid	U.S.T.H.B.	7	1	7 / 6	10
Bentarzi Mohamed	U.S.T.H.B.	10	3	6 / 5	18
Berrachedi Abdelhafid	U.S.T.H.B.	8	1	6 / 3	4
Bibi Abdelouahab	U.M.Constantine	18	4	9 / 4	25
Blidia Mostafa	U.S.D.Blida	14	2	13 / 4	26
Bouchekif Mohammed	U.A.B.Tlemcen	11	1	3 / 3	5
Bouchemakh Isma	U.S.T.H.B.	5	1	3 / 2	6
Boucherif Abdelkader	U.A.B.Tlemcen	28	4	27 / 15	52
Boudhar Mourad	U.S.T.H.B.	5	1	2 / 2	6
Bouguima Sidi Mohamed	U.A.B.Tlemcen	10	2	11 / 9	16

Boukabou Abdelkrim	U.Jijel	6	2	6 / 6	10
Bouroubi Sadek	U.S.T.H.B.	4	1	2 / 2	8
Bouttout Farid	Université de M'sila	12	3	15 / 11	33
Bouzar Cheikh	U. Oran Es Senia	7	2	4 / 3	9
Bouziani Abdelfatah	U.L.B.M.Oum El Bouaghi	26	7	6 / 5	130
Chellali Mustapha	U.S.D.Blida	20	4	13 / 4	47
Chorfi Lahcène	U.B.M.Annaba	4	1	4 / 2	3
Dahmani Abdelnasser	U.A.M.Bejaia	6	0	7 / 6	0
Dahmani Zoubir	U.Mostaganem	4	0	5 / 4	0
Denche Mohamed	U.M.Constantine	13	4	10 / 10	42
Djebali Smail	E.N.S.Kouba	18	4	15 / 7	43
Djellit Ali	U.B.M.Annaba	5	3	2 / 1	26
Djellit Illhem	U.B.M.Annaba	4	1	2 / 2	1
Djennoune Said	U.M.M.Tizi-Ouzou	28	2	26 / 15	12
Djoudi Ahcène	U.B.M.Annaba	4	2	4 / 3	22
Elhadj Zeraoulia	U.Tebessa	14	2	2 / 0	10
Fellag Hocine	U.M.M.Tizi-Ouzou	10	2	7 / 6	10
Gala Sadek	U.Mostaganem	17	2	4 / 2	17
Guerbyenne Hafida	U.S.T.H.B.	6	1	4 / 3	2
Guezane-Lakoud Assia	U.B.M.Annaba	7	1	4 / 3	10
Hamani Samira	U.D.L.Sidi Bel Abbes	11	3	9 / 6	22
Hanchi Samir	L MDF Algiers	22	3	27 / 14	61
Hebri Belkhaled	U.S.T.H.B.	6	3	2 /2	13
Heminna Amar	U.S.T.H.B.	7	2	4 / 1	11
Ibazizen Mohamed	U.M.M.Tizi-Ouzou	9	1	8 / 6	5
Kadem Abdelouahab	U.F.A.Setif	9	2	3 / 0	11
Kouachi Said	U.B.M.Annaba	9	2	3 / 2	27
Kouche Mahiéddine	U.B.M.Annaba	4	2	2 / 1	12
Lakmeche Abdelkader	U.D.L.Sidi Bel Abbes	5	3	5 / 4	147
Lakrib Mustapha	U.D.L.Sidi Bel Abbes	6	1	1 / 0	6
Laksaci Ali	U.D.L.Sidi Bel Abbes	14	2	18 / 6	22
Lansari Azzedine	U.A.B.Tlemcen	12	1	11 / 0	5
Laskri Yamina	U.B.M.Annaba	4	1	3 / 2	7
Makhlouf Amar	U.B.M.Annaba	8	1	10 / 6	2
Maliki Youssef	U.A.B.Tlemcen	5	1	1 / 1	2

Mankour A.	U.D.L.Sidi Bel Abbes	4	1	11 / 11	1
Mebarki Karima	U.M.B.Boumerdes	4	2	1 / 1	7
Mechab Mustapha	U.D.L.Sidi Bel Abbes	10	1	7 / 2	6
Mecheri Salah	U.Tebessa	6	2	3 / 1	5
Medeghri Ahmed	U.M.A.B.Mostaganem	6	1	8 / 5	2
Mekias Hocine	U.F.A.Setif	6	1	6 / 5	27
Melkemi Kamal E.	U.M.K.Biskra	7	1	3 / 2	13
Merazga Nabil	C.U.L.N.Oum El Bouaghi	8	5	2 / 2	36
Meslem Kahina	U.S.T.H.B.	7	2	4 / 1	4
Messirdi Bekkai	U.Oran Es Senia	4	2	2 / 2	5
Mezerdi Brahim	U.M.K.Biskra	9	3	7 / 3	16
Mezrag Lahcène	U.M'Sila	10	3	5 / 3	14
Mortad Mohammed Hicham	U.Oran Es Senia	6	1	0 / 0	2
Mourid Tahar	U.A.B.Tlemcen	11	2	9 / 8	13
Moussai Madani	U.Msila	7	3	2 / 1	9
Moussaoui Toufik	E.N.S.Kouba	14	4	12 / 4	34
Nasri Yasmina	U.A.B.Tlemcen	5	1	1 / 1	1
Necir Abdelhakim	U.M.K.Biskra	5	1	2 / 2	4
Ouahab Abdelghani	U.D.L.Sidi Bel Abbes	43	7	16 / 8	205
Rahmani Leila	U.M.M.Tizi-Ouzou	11	2	13 / 12	14
Rahmani Salima	U.S.T.Oran	5	1	5 / 4	9
Rebiai Salah Eddine	U.H.L.Batna	7	1	5 / 4	2
Sadallah Boubelkeur Khaled	E.N.S.Kouba	11	2	6 / 2	6
Selmani Lynda	U.F.A.Setif	5	0	6 / 5	0
Senoussaoui Abderrahmane	U.S.T.Oran	5	2	4 / 4	5
Tas Saadia	U.A.M.Bejaia	5	3	3 / 3	21
Touaoula Tarik Mohamed	U.A.B.Tlemcen	4	1	2 / 2	4
Touzaline Arezki	U.S.T.H.B.	7	1	1 /1	2
Trabelsi Nadir	U.F.A.Setif	7	2	2 / 2	13
Zaimi Toufik	U.L.B.M.Oum El Bouaghi	14	4	0 / 0	29

3. Faculties, Institutes and Departments of Mathematics of Algerian universities

➢ Faculties

1. Faculty of Mathematics, U.S.T.H.B.
2. Faculty of Mathematics and Computer Science, U.M'Sila
3. Faculty of Mathematics, Computer Science and Sciences of the Matter, U.Guelma

➢ Institutes

1. Institute of Mathematics and Computer Science, C.U.Bordj Bou Arreridj

➢ Departments

1. Department of Mathematics, U.Oran Es Senia
2. Department of Mathematics, U.S.T.Oran
3. Department of Mathematics, E.N.S.Kouba
4. Department of Mathematics, U.Guelma
5. Department of Mathematics, U.S.D.Blida
6. Department of Mathematics, U.D.L.Sidi bel Abbes
7. Department of Mathematics, U.F.A.Sétif
8. Department of Mathematics, U.H.L.Batna
9. Department of Mathematics, U.A.B.Tlemcen
10. Department of Mathematics, U.M'sila
11. Department of Mathematics and Computer Science, U.L.T.Tébessa
12. Department of Mathematics, U.L.B.M.Oum-El-Bouaghi
13. Department of Mathematics Appliquées, U.M.K.Biskra
14. Department of Mathematics, U.M.Constantine
15. Department of Mathematics, U.M.M.Tizi-Ouzou
16. Department of Mathematics and Computer Science, U.K.M.Ouargla
17. Department of Mathematics U.Jijel
18. Department of Mathematics and Computer Science, U.Saida
19. Department of Mathematics, U.B.M.Annaba
20. Department of Mathematics, U.A.M.Bejaia
21. Department of Mathematics, U.Mostaganem
22. Department of Mathematics, U.M.B.Boumerdes
23. Department of Mathematics and Computer Science, C.U.Khenchela

4. Research Laboratories of Mathematics of Algerian universities

4.1. Existing Laboratories

1. Laboratory of Non Linear Partial Differential Equations and History of Mathémematics, E.N.S.Kouba
2. Laboratory of Applied Mathematics, U.B.M.Annaba
3. Laboratory of Modeling and Optimization of Systems, U.A.M.Béjaia
4. Laboratory of Differential Equations, U.M.Constantine
5. Laboratory of Computer Science and Mathematics, U.Laghouat
6. Laboratory of Pure and Applied Mathematics, U.M'Sila
7. Laboratory of Geometry, Analysis, Control and Applications, U.Saida
8. Laboratory of Applied Mathematics, U.F.A.Sétif
9. Laboratory of Fundamental and Numerical Mathematics, U.F.A.Sétif
10. Laboratory of Mathematics, U.D.L.Sidi Bel Abbes
11. Laboratory of Decision Aid by the Techniques of Operational Research, Informatics and Statistics, U. S.T.H.B.
12. Laboratory of Algebra and Number Theory, U.S.T.H.B.
13. Laboratory. of Mathematical and Numerical Analysis of the Partial Differential Equations, U.S.T.H.B.
14. Laboratory of Stochastic Modeling and Data Procesing, U.S.T.H.B.
15. Laboratory of Dynamical Systems, U.S.T.H.B.
16. Laboratory of Dynamical Systems and Applications, U.A.B.Tlemcen
17. Laboratory of Applied Mathematics, U.A.M.Béjaia
18. Laboratory of Applied Mathematics, U.Biskra
19. Laboratory of Mathematical Modelling and Simulation, U.M.Constantine
20. Laboratory of Pure and Applied Mathematics, U. Mostaganem
21. Laboratory of Random Phenomenons Analysis and Modelling, U.M.M.Tizi Ouzou
22. Laboratory of Mathematical Techniques with the aim of Applications, Determinist and Stochastic Aspects U.H.L.Batna
23. Laboratoy of Mathematical Methodology, Studies and Equations Solving, U.M.Constantine
24. Laboratory of Modelling and Computing Methods, U.Saida
25. Laboratory of Pure and Applied Mathematics, U. M.M.Tizi Ouzou
26. Laboratory of Numerical Analysis, Optimization and Statistics, U.B.M.Annaba
27. Laboratory of Applied Mathematics and Modeling, U.M.Constantine
28. Laboratory of Pure and Applied Mathematics, U. Jijel
29. Laboratory of Modeling and Development of Algorithms of Operations Research, U.S.D.Blida

30. Laboratory of Mathematics and Sciences of the Decision, U.M.Constantine
31. Laboratory of Applied Mathematics and Sciences, C.U.Ghardaïa
32. Laboratory of Fixed Point Theory, E.N.S.Kouba
33. Laboratory of Applied Statistics, E.N.S.S.E.A. ex I.N.P.S.
34. Laboratory of Stochastic Phenomenons Modeling, E.N.S.S.E.A. ex I.N.P.S.
35. Laboratory of Mathematics, Dynamic and Modeling, U.B.M.Annaba
36. Laboratory of Applied Mathematics and Modeling, U.Guelma
37. Laboratory of Geometry and Analysis, U.Oran Es Senia
38. Laboratory of Applied Mathematics, U.Ouargla
39. Laboratory of Stochastic Models, Statistics and Applications, U.Saida
40. Laboratory of Applied Mathematics and History and Didactics of Mathematics, U.Skikda
41. Laboratory of Operations Research and Mathematics of the Decision, U.M.M.Tizi-Ouzou
42. Laboratory of Statistics and Random Modeling, U.A.B.Tlemcen

4.2. Laboratories in creation

1. Laboratory of Mathematics and their Interactions, C.U.Mila
2. Laboratory of Pure and Applied Mathematics, C.U.Souk-Ahras
3. Laboratory of Epistemology and History of Mathematics, E.N.S.Kouba
4. Laboratory of Applications of Mathematics to Computer Science and Electronics, U.H.L.Batna
5. Laboratory of Partial Differential Equations and Applications, U.H.L.Batna
6. Laboratory of Pure Applied Mathematics, U.Laghouat
7. Laboratory of Functional Analysis and Geometry of Spaces, U.Msila
8. Laboratory of Mathematics and their Applications, U.Oran Es Senia
9. Laboratory of Mathematical Analysis and Applications, U.Oran Es Senia
10. Laboratory of Analysis and Control of Partial Differential Equations, U.D.L.Sidi Bel Abbes
11. Laboratory of Biomathematics, U.D.L.Sidi Bel Abbes
12. Laboratory of Arithmetics, Coding, Combinatorics and Formal Calculus, U.S.T.H.B.
13. Laboratory of the Multicriteria Aid to Decision and Operations Research, U.S.T.H.B.
14. Laboratory of Operations Research and Mathematics of the Decision, U.S.T.H.B.
15. Laboratory of Fundamental Computer Science, Operations Research, Combinatorics and Econometrics, U.S.T.H.B.
16. Laboratory of Mathematics, Computer Science and Systems, U.L.T.Tebessa
17. Laboratory of Computer Science and Mathematics, U. Tiaret