

CURRICULUM VITAE

I-GENERAL INFORMATION

First Name: SAID

Last Name : MESLOUB

Date and place of birth: 01/07/1961 Tebessa, Algeria

Current Position: Full Professor (since 2010).

Major Field: Applied Mathematics

Specialization: Partial Differential Equations and Applications

Faculty: Science

Department: Mathematics

Address: King Saud University, College of Sciences, Department of Mathematics, P.

O. Box 2455, Riyadh 11451 Saudi Arabia

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University Degrees :

- 1) **PHD in Mathematics** (Doctorat d'Etat en Mathématiques),

University of Constantine (Algeria) and Indiana University (USA), October

1999.

Major Area: Applied Mathematics: Partial Differential Equations and Applications.

Thesis title: Mixed Problems with Nonlocal Conditions for Certain Classes of Partial Differential Equations.

2) Master Degree in Mathematics

Indiana University (U.S.A), May 1986

Option: Partial Differential Equations and Applications

Thesis Title: Theory of First Order Hyperbolic Partial Differential Equation Systems with Constant Coefficients.

3) Bachelor Degree in Mathematics (Diplôme des Études Supérieures en Mathématiques), University of Annaba, (Algeria) July 1983.

Option: Functional analysis

4) English Diploma, ELS Language Center, USA Boston (1983-84).

II. Scientific Activities and Publications

1. Scientific Production:

Published papers :

[1] S Mesloub, H Alsaud , *Exploring the Efficiency of the q -Homotopy Analysis Transform Method for Solving a Fractional Initial Boundary Value Problem with a Nonlocal Condition*, *Axioms* 12 (8), 790.

[2] Said Mesloub. *Application of Homotopy Analysis Transform Method for Solving a Fractional Singular One-Dimensional Thermo-Elasticity Coupled System*, *Symmetry* 15 (10), 1952

[3] S Mesloub, HE Gadain, I Bachar, *A Reliable Combination of Double Laplace Transform and Homotopy Analysis Method for Solving a Singular Nonlocal Problem with Bessel Operator*, *Axioms* 12 (10), 933

[4] I Bachar, H Eltayeb, S Mesloub, *Existence Results for a Class of Fractional Differential Beam Type Equations*, *Axioms* 12 (10), 939.

[5] S Mesloub, E Alhazzani, GH Eltayeb, *A Non-Local Non-Homogeneous Fractional Timoshenko System with Frictional and Viscoelastic Damping Terms*, *Axioms* 12 (7), 689.

[6] S Mesloub, RK Alhefthi, On a Singular Non local Fractional System Describing a Generalized Timoshenko System with Two Frictional Damping Terms, *Fractal and Fractional* 7 (7), 514.

[7] S. Mesloub & Aldosari F, On a two-dimensional fractional thermoelastic system with nonlocal constraints describing a fractional Kirchhoff plate, *Advances in Difference Equations*, Issue 1, Vol (2021), P1-15. **(ISI) Impact factor: 2.80.**

[8] H Eltayeb, S Mesloub
, Application of Conformable Sumudu Decomposition Method for Solving Conformable Fractional Coupled Burger's Equation, *Journal of Function Spaces* (2021). **(ISI) Impact factor: 1.807.**

[9] S. Mesloub & Aldosari F, Well posedness for a singular two dimensional fractional initial boundary value problem with Bessel operator involving boundary integral conditions, *AIMS Mathematics*, 6(9): 9786–9812, (2021). **(ISI) Impact factor: 2.739.**

[10] S. Mesloub & Aldosari F On a Nonhomogeneous Timoshenko System with Nonlocal Constraints, *Journal of Function Spaces* Volume 2021, Article ID 6674060, 12 pages. **(ISI) Impact factor: 1.807.**

[11] H Eltayeb, S Mesloub, Application of Multi-Dimensional of Conformable Sumudu Decomposition Method for Solving Conformable Singular Fractional Coupled Burger's Equation, *Acta Mathematica Scientia* 41 (5), 1679-169 (2021). **(ISI) Impact factor: 1.141.**

[12] Mesloub, S., Gadain, H.E. A priori bounds of the solution of a one point IBVP for a singular fractional evolution equation. *Adv Differ Equ* 2020, 584 (2020).
<https://doi.org/10.1186/s13662-020-03049-2>

[13] H. El tayeb Gadain and S. Mesloub A Note on Conformable Double Laplace Transform and Singular Conformable Pseudoparabolic Equations, *Journal of Function Spaces*, Volume 2020.

[14] I. Bachar & S. Mesloub, Blow-Up Solutions for a Singular Nonlinear Hadamard Fractional Boundary Value Problem, *Journal of Function Spaces*, Volume 2020, Article ID 6268427, 10 pages.

[15]] H.E. Gadain & S. Mesloub, Application of Sumudu decomposition method for solving conformable coupled Burger's equation, *Journal of Function Spaces* (To appear 2020).

[16] Kasmi, Lotfi; Guerfi, Amara; Mesloub, Said, Existence of solution for 2-D time-fractional differential equations with a boundary integral condition *ADVANCES IN DIFFERENCE EQUATIONS* Volume: 2019 Issue: 1 Article Number: 511 Published: DEC 11 2019

[17] S. Mesloub, S. Obaidat, M. Aboelrish, Well posedness and numerical solution for a non-local pseudohyperbolic initial boundary value problem, *International Journal of Computer Mathematics*, Volume: 96 Issue: 12 Pages: 2533-2547(2019).

[18] Mesloub, Said; Obaidat, Saleem, Homotopy Analysis Method for a Fractional Order Equation with Dirichlet and Non-Local Integral Conditions , *MATHEMATICS* Volume: 7 Issue: 12 Article Number: 1167 Published: DEC 2019

[19] Obaidat, Saleem; Mesloub, Said, A New Explicit Four-Step Symmetric Method for Solving Schrodinger's Equation , *MATHEMATICS* Volume: 7 Issue: 11 Article Number: 1124 Published: NOV 2019

[20] Eltayeb, Hassan; Mesloub, Said; Abdalla, Yahya T.; et al, A Note on Double Conformable Laplace Transform Method and Singular One Dimensional Conformable Pseudohyperbolic Equations, *MATHEMATICS* Volume: 7 Issue: 10 Article Number: 949 Published: OCT 2019

[15] Mesloub, Said; Gadain, Hassan Eltayeb, On Some Initial and Initial Boundary Value Problems for Linear and Nonlinear Boussinesq Models *SYMMETRY-BASEL* Volume: 11 Issue: 10 Article Number: 1273 Published: OCT 2019

[16] Mesloub, Said; Bachar, Imed, On a nonlocal 1-D initial value problem for a singular fractional-order parabolic equation with Bessel operator *ADVANCES IN DIFFERENCE EQUATIONS* Article Number: 254 Published: JUN 27 2019,

[17] Bachar, Imed; Maagli, Habib; Mesloub, Said, Positive solutions of semilinear problems in an exterior domain of $\mathbb{R}^2$, *BOUNDARY VALUE PROBLEMS* Article Number: 65 Published: APR 1 2019

[18] Mesloub, Said; Aldosari, Faten, Even Higher Order Fractional Initial Boundary Value Problem with Nonlocal Constraints of Purely Integral Type, *SYMMETRY-BASEL* Volume: 11 Issue: 3 Article Number: 305 Published: MAR 1 2019

[19] Bachar, Imed; Maagli, Habib; Mesloub, Said, Existence and Global Asymptotic Behavior of Singular Positive Solutions for Radial Laplacian , *JOURNAL OF FUNCTION SPACES* Article Number: 3572132 Published: 2019

[20] Said Mesloub, Obaid Algahtani, On a singular nonlocal time fractional order mixed problem with a memory term, *Mathematical Methods in the Applied Sciences*, (To appear 2018). DOI: 10.1002/mma.4921.) **(ISI) Impact factor: 1.002.**

[21] H. Eltayeb, S. Mesloub , Adem klicman, A note on a Singular Coupled Burgers Equation and Double Laplace Transform Method, *J. Nonlinear Sci. Appl.*, 11, 635–643 (2018). **(ISI) Impact factor: 1.176.**

[22] Said Mesloub, Imed Bachar, Nonlinear Singular Hyperbolic initial Boundary Value Problems, *Electronic Journal of Differential Equations*, Vol. 2017, No. 277, pp. 1-11. **(ISI).**

[23] Said Mesloub, On a singular time-fractional order wave equation with Bessel operator and Caputo derivative, *J. Nonlinear Sci. Appl.*, Vol 10, 60–70 (2017). **(ISI) Impact factor: 1.176.**

[24] Said Mesloub, Imed Bachar, On a singular Time-fractional order Wave Equation with Bessel Operator and Caputo Derivative, *J. Nonlinear Sci. Appl.*, 10, 60–70 (2017). **(ISI) Impact factor: 1.176.**

[25] H. Eltayeb, Adem klicman, S. Mesloub, Application of the double Laplace adomian decomposition method for solving linear singular one dimensional thermo-elasticity coupled system, *J. Nonlinear Sci. Appl.*, 10, 278–289 (2017). **(ISI) Impact factor: 1.176.**

[26] Said Mesloub, Saleem Obaidat, On the numerical Solution of a singular second Order Thermoelastic System, *Advances in Mechanical Engineering*, Vol 9 (5) 1-12 (2017). **(ISI).**

[27] H. Eltayeb, S. Mesloub , Adem klicman, Application of double Laplace decomposition method to solve a singular one-dimensional pseudo-hyperbolic equation, *Advances in Mechanical Engineering*, Vol 9 (8) 1-9 (2017). **(ISI).**

[28] Said. Mesloub, Existence and uniqueness results for a fractional two-times evolution problem with constraints of purely integral type, *Mathematical Method in the*

Applied Sciences, Volume: 39 Issue: 6 Pages: 1558-1567 (2016) **(ISI) Impact factor: 1.002.**

[29] Said. Mesloub; M.R. Aboelrish, On an evolution mixed thermoelastic system problem, *International Journal of computer Mathematics* Vol. 92, No. 2, (2015), 424–439. **(ISI) Impact factor: 0.542.**

[30] Hassan Eltayeb, Said Mesloub and Adem Kiliçma, Modified Laplace Decomposition Method for Solving Systems of Equations Emden-Fowler Type, *Journal of Computational and Theoretical Nanoscience*, Vol. 12, 1-5, 2015. **(ISI) Impact factor: 1.343.**

[31] Hassan Eltayeb, Said Mesloub and Adem Kiliçman , Application of Sumudu Decomposition Method to Solve Nonlinear System Volterra Integrodifferential Equations, *Abstract and Applied Analysis*, Volume 2014, Article ID 503141, 6 pages. **(ISI) Impact factor: 1.102.**

[32] Said. Mesloub, On an Initial Boundary Value Problem for a Class of Odd Higher Order Pseudohyperbolic Integrodifferential Equations, *Journal of Applied Mathematics* Volume 2014, Article ID 464205, 12 pages. **(ISI) Impact factor: 0.83.**

[33] Hassan Eltayeb, Said Mesloub and Adem Kiliçma , Exact evaluation of infinite series using double Laplace transform technique, *Abstract and Applied Analysis*, Volume 2014, Article ID 327429, 6 pages. **(ISI) Impact factor: 1.102**

[34] S. Obaidat, M. Abu-Alrish & Said. Mesloub, a numerical solution of two-dimensional fox-Rabies dynamics of advection type, *International Journal of Computer Mathematics* (Published on line: 29 Oct 2013. **(ISI) Impact factor: 0.542**

[35] Said. Mesloub; T. Hayat On the solvability of a nonlinear pseudoparabolic problem, *Indian J. Pure Appl. Math.*, 44(3): 343-354, June 2013. **(ISI) Impact factor: 0.274**

[36] Said. Mesloub, On a higher order two dimensional thermoelastic system combining a local and nonlocal conditions, *Electronic Journal of Qualitative Theory of Differential Equations*, No. 50, 1-16 (2012). **(ISI) Impact factor: 0.740**

[37] Hayat, T.; Safdar, Ambreen; Said. Mesloub, Soret and Dufour effects for three-dimensional flow in a viscoelastic fluid over a stretching surface, *International Journal of Heat and Mass transfer*, Volume: **55** Issue: **7-8** Pages: **2129-2136** (2012). **(ISI)**
Impact factor: 2.315

[38] Said. Mesloub, S. Obaidat, On the application of the homotopy analysis method for a nonlocal mixed problem with Bessel operator, *Applied Mathematics and Computation* Doi 10.1016/j.amc.2012.09.018.(2012). **(ISI)** **Impact factor: 1.349**

[39] T. Hayat, M. Qasi, Said. Mesloub, MHD flow and heat transfer over permeable stretching sheet with slip conditions, *International Journal for Numerical methods in Fluids*, Volume: **66** Issue: **8** Pages: **963-975** (2011). **(ISI)** **Impact factor: 1.352**

[40] Said. Mesloub & F. Mesloub, On the higher dimension Boussinesq equation with a non classical condition, *Mathematical Method in the Applied Sciences*, Vol 34, Issue 5, 578-586 (2011). **(ISI)** **Impact factor: 0.918**

[41] Hayat. T, Said. Mesloub, Javed. M, Compliant wall analysis of an electrically conducting jeffrey fluid with peristalsis, *Zeitschrift Fur Naturforschung section A-A journal of physical Sciences*, Volume: 66 Issue: 1-2, 106-116 (2011). **(ISI)** **Impact factor: 1.363**

[42] Said. Mesloub, Mixed nonlocal problem for a nonlinear singular hyperbolic equation, *Mathematical Methods in the Applied Sciences*, Vol 33, Issue 1 (2010) 57-70. **(ISI)** **Impact factor: 0.918**

[43] Said. Mesloub & S. Messaoudi Global Existence, Decay, and Blow up of Solutions of a Singular Nonlocal Viscoelastic Problem, *Acta Applicandae Mathematicae*, Volume: 110 Issue: 2 (2010), 705-724. **(ISI)** **Impact factor: 0.985**

[44] Hayat. T, Said. Mesloub, Najam. S, On Exact Solutions for Oscillatory Flows in a Generalized Burgers Fluid with Slip Condition, *Zeitschrift Fur Naturforschung section A-A journal of physical Sciences*, Volume: 65 Issue: 5 Pages: 381-391 (2010). **(ISI)**
Impact factor: 1.363

[45] Said. Mesloub & Fatiha. Mesloub, *On a coupled nonlinear singular thermoelastic system*, *Nonlinear Analysis, Theory and Applications*, 73 (2010) 3195-3208. **(ISI) Impact factor: 1.640**

[46] Hayat. T,M, Mostafa, Said. Mesloub, *Mixed Convection Boundary Layer Flow over a stretching surface filled with a Maxwell fluid in presence of Soret and Dufour effects*, *Zeitschrift fur naturforschung section A-A Journal of physical sciences* Volume: 65 Issue: 5, 401-410 (2010). **(ISI) Impact factor: 1.363**

[47] Said. Mesloub , and Fatiha. Mesloub, *Solvability of a mixed non local problem for a nonlinear Singular Viscoelastic equation*, *Acta. Appl. Mathematicae*, Vol 110, Number 1, Pages 109-129. (2010). **(ISI) Impact factor: 0.985**

[48] Hayat. T, Said. Mesloub, Ashgar. Z, *Influence of inclined magnetic field on peristaltic transport of fourth grade fluid in an inlined asymmetric channel*, *J.T.I. of Chemical Engineering*, Vol 41, Issue 5, Pages: 553-563, (2010). **(ISI) Impact factor: 2.072.**

[49] Said. Mesloub, H.Mecheri and S. Messaoudi, *On solutions of a singular viscoelastic equation with an integral condition*, *Georgian Math. J* Vol 17 (2009). **(ISI) Impact factor: 0.253**

[50] Said. Mesloub, *On a mixed nonlinear one point boundary value problem for an integro-differential equation*, *Boundary Value Problems*, Vol 2008, Article ID 814947, 8 p, doi:10.1155/2008/814947. **(ISI) Impact factor: 0.920**

[51] Said. Mesloub, *On a singular two dimensional nonlinear evolution equation with non-local conditions*, *Nonlinear Analysis, Theory Methods and Applications*, 68 (2008) 2594-2607. **(ISI) Impact factor: 1.640**

[52] Said. Mesloub and H. A. Abdusalam, *On a certain class of a nonlinear evolution partial differential equations*, *J. Comp. Appl. Math* 217 (2008) 148-156. **(ISI) Impact factor: 0.989**

[53] Said. Mesloub, *A nonlinear non local mixed problem for a second order*

pseudoparabolic equation, *J. Math. Anal. Appl.* 316 (2006) 189-209. **(ISI) Impact factor: 1.050.**

[54] Said. Mesloub & S. A. Messaoudi, On a system of thermoelasticity with the Bessel operator, *Mathematics Vesnik*, 57 (2005), 9-26. **(ISI) Impact factor: 0.203**

[55] Said. Mesloub & N. Lekrine, A Mixed problem for an evolution equation with nonlocal constraint, *Acta-Sci-Math. Bolyai Institut, University of Szeged, Hungary*, Vol 70, No 1, (2004), 13-23.

[56] Said. Mesloub & M. Medjeden , On an initial boundary value problem for a fourth order evolution equation with Bilaplacian, *Georgian Mathematical Journal*, Vol. 11, NO.2, (2004), 371-378. **(ISI) Impact factor: 0.253**

[57] Said. Mesloub & S. A. Messaoudi, On non-local mixed semi linear problem for second-order hyperbolic equations, *Electron. J. Diff. Eqns*, Vol 2003 (2003) N° 40, pp. 1-17. **(ISI) mpact factor: 0.208**

[58] Said. Mesloub & S. A. Messaoudi, A three point boundary value problem with a non-local condition for a hyperbolic equation, *Electron. J. Diff. Eqns*, Vol 2002 (2002) No 62, pp. 1-13. **(ISI) Impact factor: 0.208**

[59] Said. Mesloub & A. Bouziani, Mixed Problem with a Weighted Integral Condition for a Parabolic Equation With Bessel Operator, *J. Appl. Math. Stochastic. Anal.* 15 (2002), N°.3, 291-300.

[60] Said. Mesloub, A. Bouziani, N. Kechkar, Strong solution to an evolution problem with integral conditions, *Gorgian Mathematical Journal*, Vol 9 N°1, (2002), pp. 1-9. **(ISI) Impact factor: 0.253**

[62] Said. Mesloub, Mezhoudi Rachida, A mixed problem for a parabolic equation of higher order with integral conditions, *Bulletin of the Polish Academy of Sciences Mathematics* Vol. 50, No 3, (2002), 59-68.

[71] Said. Mesloub, *On a Nonlocal Problem for a Pluri-parabolic Equation*, Acta-Sci-Math. Bolyai Institut, University of Szeged, Hungary, Vol 5 N°8 (2001) 512-528.

[72] Said. Mesloub & N.Lekrine, *On a nonlocal Singular Mixed Evolution Problem*, Mathematicks Vesnik, Vol 53, 3-4, (2001), 79-89.

[73] Said. Mesloub & A. Bouziani, *Mixed problem with integral conditions for a certain class of hyperbolic equations*, Journal of Applied Mathematics, Vol. 1 N°3 (2001), 107-116. **(ISI) Impact factor: 0.83.**

[74] Said. Mesloub & A. Bouziani, *On a Class of Singular Hyperbolic Equations With a Weighted Integral Condition*, International. J. Math & Mathematical Sciences, Vol 22 N°.3 (1999), 1-9

[73] Said. Mesloub & A. Bouziani, *Problème mixte avec Conditions Intégrales Pour une Equation Parabolique à Deux Dimensions*, Bulletin des Sciences, Académie Royale de la Belgique, Vol 6 N°6 (1998), 61-72.

Books:

Differential Equations. King Saud University Press 2022, ISBN: 978-603-510-045-8

Submitted papers

Some papers were submitted for publication.

2.Conferences and Meetings :

International:

- 1) S. Mesloub, *On a Fractional Timoshenko System with Two Mechanism Dampings*, ICES 2023 February 6-8 (2023).
- 2) S. Mesloub, *On a Non-local Initial Boundary Value Problem for a Nonhomogeneous Memory Type Timoshenko System*, 5th

Conference on Mathematical Science and Applications, 17-18
November 2021. Kaust Saudi Arabia

3) S. Mesloub, On a Fractional Non local Initial Boundary Value Problem, International Conference on Recent Advances in Applied Mathematics 2020, 4-6 February Kuala Lumpur Malaysia.

4) S. Mesloub, X Americas Conference on Differential Equations and Nonlinear Analysis, University of Buenos Aires, 16/2/2015-20/02/2015.

5) S. Mesloub, On the resolution of a coupled thermoelastic system, 3rd International Conference on Computational Mathematics, Computational Geometry & Statistics (CMCGS 2014), 3-4 February 2014.

6) S. Mesloub, On the Study of Solutions of a Coupled Parabolic and Hyperbolic Equations , International Conference On Mathematical Sciences and Statistics 2013 (ICMSS2013), 15/2-19/2/2013. University of Putra Malaysia

7) S. Mesloub, On the homotopy analysis for a mixed problem with a nonlocal constraint, 7th European Conference on Elliptic and Parabolic Problems Gaeta Italy. July 1-6, 2012.

8) S. Mesloub, On a coupled fourth order thermoelastic system with non local constraints, Fourth International Conference on Modeling, Simulation and Applied

Optimization 2011 (ICMSAO-11) Malaysia. 19th- 21st April 2011.

9) S. Mesloub, On a nonlinear evolution system with a non classical condition, 8th AIMS International Conference on Dynamical Systems, Equations and Applications, Deresden, Germany, May 25-28, 2010.

10) S. Mesloub, Initial boundary value problem with a nonlocal constraint, Sixth European Conference on Elliptic and Parabolic Problems, Gaeta (Italy), 25-29 May, 2009.

11) S. Mesloub, On a coupled system of thermoelasticity with memory term, Analysis, PDEs and Applications Roma, June 30 - July 3, 2008.

12) S. Mesloub, On a mixed nonlinear singular problem for a viscoelastic equation with an integral boundary condition, Symposium on Global Analysis and Probability May 27-28/2008 Qassim University.

13) S. Mesloub, On a Multi-dimensional mixed nonlocal initial boundary value problem, Workshop on Partial Differential Equations in Modern Mathematical Physics and Applied Mathematics, King Abduaziz City for Science and Technology (KACST). February 13, 2007.

14) S. Mesloub, On a singular nonlinear non local evolution problem, Applied Mathematics Day (AMD), Department of Mathematics, KFUPM 09/04/2006.

- 15) S. Mesloub, On a nonlinear one point boundary value problem, The seventh meeting in Information technology in Mathematics (Prince Sultan University) 7-8 April 2004.
- 16) S. Mesloub, On a mixed problem for a system of thermoelasticity, International conference on differential equations, Hasselt-Belgium, July 22-26, 2003.
- 17) S. Mesloub, On a nonlocal Mixed hyperbolic problem, Conference in Mathematical Analysis and Applications, American University of Sharjah, May 2 - 4, 2001.
- 18) S. Mesloub, On a Singular problem with non-local constraint, International Workshop on Operator Theory and Applications, IWOTA-Portugal 2000, September 12-15 2000.
- 19) S. Mesloub, On a Nonlocal Problem for a Pluri-parabolic Equation, First International Conference On Analytical Methods of Analysis and Differential Equations, Belarussian State University in Minsk, (Belarus), 14-18 September 1999
- 20) S. Mesloub, On a Singular Second Order Parabolic Equation With Nonlocal Boundary Conditions, International Congress of Mathematics in Operator theory and Banach Algebra, University of Mohammed V (Rabat), 12-14 April 1999.
- 21) S. Mesloub, Mixed Problem With a Weighted Integral Condition for a Parabolic Equation With the Bessel Operator, Fourth International Jordanian Mathematics Conference, University of Yarmouk, Irbid (Jordan), 24-26 August 1998.

National:

- 1) S. Mesloub, Mixed problem with non local conditions for a class of three dimensional hyperbolic equations, Third Maghreban Conference on differential equations and applications (University of Jijel), 15-17 November 1998.
- 2) S. Mesloub On a Singular Second Order Hyperbolic Equation With Nonlocal conditions, National Congress of Mathematics 99, (University of Badji Mokhtar Annaba), 17,18,19 May 1999.
- 3) S.Mesloub, Mixed problem with integral conditions for a two dimensional parabolic equation, 2nd National symposium in Functional Analysis and applications (University of Djilali Liabes of Sidi Bel Abbes), 17,18,19 November 1997.
- 4) S. Mesloub, *On a singular pluri-hyperbolic equation with an integral condition*, 2^{ème} Colloque National d'Analyse Mathématiques Appliquées (Université de Tebessa), 7,8,9 Mai 2000.
- 5) S. Mesloub, Strong Solution for a Mixed Problem With an Integral Condition, Rencontre des Mathématiciens Algeriens (RMA 2000), 21,22,23,24 Mai 2000.
- 6) S. Mesloub, Strong solution for a mixed problem with a non-local weighted condition, Deuxième rencontre Internationale d'Analyse Mathématique et ses applications, (Université de M'sila), 19, 20 et 21 novembre 2000.

Jury member:

1. « Etude spectrale d'une classe de problèmes aux limites non locaux ». Defended on December 2000. Berkane Abdelhak (Master thesis), (Examinator). (University Of Tebessa)
2. « Méthode de descritisation en temps pour la résolution d'une classe d'équations hyperboliques intégrro-différentielles». Defended on February 2001. Bareche Aicha (Master thesis), (Examinator). (University of Constantine).
3. « Problèmes mixtes avec conditions non locales pour quelques problèmes aux limites». Defended on June 2001. Mesti Mohamed Salah (Master thesis), (Examinator). (University Oumelbouaghi).
4. "Eude de certains problèmes mites avec conditions aux limites non locales". Defended on March 2002. Lekrine Nadia (Master thesis), (Advisor). (University of Constantine).
5. "Etude d'un system de thermoélasticité et d'un problème mixte pour une équation parabolique intégrro-différentielle non linéaire» Defended on November 2002. Mesloub Fatiha (Master thesis), (Advisor). (University of Tebessa).
6. "Etude comparative des méthodes intégrale & de volumes finis appliquées aux écoulements visqueux autour d'obstacles cylindriques » Defended on january 2003. Mdouki Ramzi (Master thesis), (President). (University of Tebessa).
7. "optimisation des échanges thermiques en convection forcée au niveau d'un échangeur aileté" Defended on April 2003.

Guemmadi Messaouda (Master thesis), (President).

(University of Tebessa).

8. "Existence et approximation de point fixe commun pour certaines applications" Defended on April 2003. Merghadi Fayçal (Master thesis), (President). (University of Tebessa).
9. « Méthodes variationnelles et méthodes topologiques pour l'étude de certains problèmes elliptiques dans des domaines bornés » Defended on June 2003. Gasri Ahlem (Master thesis), (President). (University of Annaba).
10. "Topological methods for nonlinear boundary value problems for some differential equations" Defended on December 2004. Nawal Hassan Al-Malki (PHD thesis), . Girl's College at Dammam. (Examinator).
11. "Application of non-smooth Analysis to nonconvex variational inequalities and nonconvex differential inclusions" Defended on June 2005. Bushra Ridha Al-Sennan (PHD Thesis), King Saud University. (Examinator).
12. "Some mixed problems with non-local boundary integral conditions" Defended on June 2005. Zaineb Bent Alawi Al-Kathem (King Saud University) (Advisor).
13. "On the existence and uniqueness of solutions for some mixed non-local problems" Defended on June 2007. Azhar Bent Saeed Al-hamali (King Saud University). (Advisor).

14. " Uniform decay in some problems in Viscoelasticity"

Defended on February 2008. Nuha Bent Abdurrahman Ben Rasheed Aljubar, Girl's College at Dammam. (Examinator).

15. Uniform stability for some systems of Timoshenko type.

Defended on September 2008. Zaineb Bent Hceen ben Abdelkreem. Girl's College at Dammam. (Examinator).

16. Studying some nonlocal problems having integral conditions for some classes of Partial differential equations, Defende on 31 March 2010. Abdalla Azhar katheem (King saud University) (Advisor).

17. Lie Algebraic approach for some quantum systems. Defended on 28 May 2010. Abdelrhman Ibrahim Mohamed Elkasapy (King saud University). (Examinator).

3. Research Activities:

Research Groups: Funded by Deanship of research at King Saud University

RG-117 + RG 1435-043

a) Head of a research Project :

Project 1. On some mathematical problems and their Applications. Supported by Deanship of Higher Studies and Scientific Research. Reference: 330377/3/1 date 22/12/2010. (King Saud University).

Project Title 2. Development and Application of Some Energy Estimates for Certain Non-local Problems for Certain Evolution Equations. Supported by the Research Center Project No (**Math/2008/19**). King Saud University.

Project Title 3. On some linear and nonlinear mixed non-local problems for certain classes of partial differential equations. Supported by the Research Center Project No (**Math/2006/45**). King Saud University.

Project Title 4. Existence and Uniqueness of Some classes of boundary initial values problems having integral constraints. Supported by the Research center Project No (**Math/24-25/06**). King Saud University.

Project Title5. Partial differential Equations and their applications in heat transfer, Elasticity, Metallurgy and physics of plasma, Code number : **B*1201/3/98**, agreement date: **January 1st 1998**, duration: **3 years** (Ministry of Higher Education).

Project Title6. : Energy method and its applications to the existence and uniqueness of solutions for some classes of partial differential equations, Code number : **B*120/2/2002**, agreement date: **January 1st 2002**, duration: **2 years** (Ministry of Higher Education).

Project Title 7. Existence and Uniqueness of Some classes of boundary initial values problems having integral constraints. Supported by the Research center Project No (**Math/24-25/06**). King Saud University.

Member and expert for the National Agency for the Development of University Research. , (Algeria)

Master Thesis Director:

1. Aeshah Abdullah Aldosari,

Thesis title: On some initial boundary value problems with nonlocal constraints (Defended on 10/05/2015)

2. Sahar Khaled Sleman Al-Askary

Thesis title : Existence and uniqueness of solutions of some nonlocal initial boundary value problems for some hyperbolic and parabolic partial differential equations. (**defended on 10/05/2012**).

3. Hijyah Mubarak Al-Shammary

Thesis title : The study of some classes of evolution partial differential equations (**Defended on 10/05/2012**).

4. Laila Al-Zaid

Thesis title : On the study of some partial differential equations with nonlocal constraints (**Defended on 12/06/2011**).

5. Eman Alhazzani:

Thesis title : On the Analysis of Some Nonlocal Problems (Defended on).

5. Abdalla Azhar katheem

Thesis title: Studying some nonlocal problems having integral conditions for some classes of Partial differential equations. (**Defended on March 2010**).

6. Azhar Bent Saeed Al-hamali

Thesis title On the existence and uniqueness of solutions for some mixed non-local problems. **Defended (June 2007)**.

7. Zaineb Bent Alawi Al-Kathem

Thesis title Some mixed problems with non-local boundary integral conditions. (**Defended on May /2006**).

8. Mecheri Ahcene

Thesis title : Etude de quelques problèmes d'évolutions non locaux. **Defended (July 2005)**.

9. Mansouri Abdelouahab

Thesis title : Sur l'étude de quelques systèmes hyperboliques avec conditions intégrales". **defended (July 2004).**

10. Bounaama Fatiha

Thesis title : Etude d'existence et d'unicité de la solution d'une classe d'équations linéaires et semi-linéaires". **Defended (June 2003).**

11. Rebai Belgacem

Thesis title : Sur l'étude de l'existence et l'unicité de la solution forte de quelques problèmes mixtes avec conditions intégrales", **Defended (June 2003).**

12. Mezhoudi Rachida

Thesis title : "Existence et unicité de la solution de quelques équations de type non classiques », **Defende (September 2003).**

13. Legrine Nadia

Thesis title : "Eude de certains problèmes mites avec conditions aux limites non locales", **Defended (October 2001).**

14. Mesloub Fatiha,

Thesis title "Etude d'un système de thermoélectricité et d'un problème mixte pour une équation parabolique intégrro-différentielle non linéaire». **Defended (November 2002).**

Phd Thesis Director

1. Faten Aldosari

Thesis Title: Solvability of some classes of fractional order nonlinear mixed problems. **(Defended on September 2021).**

2. Student: Mesloub Fatiha

Thesis title: On some nonlinear non-local mixed problems for some partial differential equations and systems. **(Defended on July 2010).**

3. **Thesis title:** On the study of some Fractional Initial Boundary value problems (in progress)

1. III. Pedagogic Activities:

1- Teaching experience:

Assistant Professor: 1987 to 2000

Associate Professor: 2000 to 2009

Full Professor: since 2010.

2- Teaching :

(1) **Course SEM310 (Analysis II and Algebra I)**, University of Oum-el-Bouaghi (1987 to 1994). And at University of Tebessa (1998 to 2000).

(2) **Course SEM300 (Analysis I)**, University of Oum-elbouaghi (1989/1990)

(3) **Course SEM301 (Series and Generalized Integrals)**, University of Tebessa (1997/98).

(4) **Course TM11 (Numerical Analysis I)** University of Tebessa (1996/97).

(5) **Course SEM305 (Complex Analysis I)**, University of Oum-el-bouaghi (1991 to 1994). And at University of Tebessa (1996 to 1998).

- (6) **Course SEM308 (Ordinary Differential Equations)**, University of Oum-el-Bouaghi (1993/96).
- (7) **Course SEM304 (Measure and Integration)**, University of Tebessa (1997/98).
- (8) **Cours SEMX (Applied functional Analysis)** University of Tebessa (1999/00).
- (9) **Advanced topics in Partial Differential Equations**, Graduate course, University of Tebessa (2000/2001).
- (10) Course in **Advanced Calculus**, El Fateh University, Tripoli, Lybia. (1994/1995).
- (11) **At King Saud University, Saudi Arabia: M101, M105, M106, M107, M203, M204, M316, Math 111, Math 522, Math 521, Math 684, Math 690 (2003-2016). Graduate courses at King Saud University: M684, M521, M522, M523, M516, M512-1, Math669, Math 683 King Saud University, Saudi Arabia (2003-2018).**

IV. Cultural and Scientific Activities.

Organization of Scientific Manifestations:

- I) Head and of member of many committees in Math department, College of science, King Saud University.**
- II) Member of the Organization Committee of the National Mathematical Congress 1999**, Department of Mathematics, University of Annaba, May 17-19, 1999.
- III) President of the Organization Committee of the 2nd National Symposium of Applied Mathematical Analysis**, May 7 - 9, 2000, University of Tebessa.

IV) President of the Organization committee of Workshop on Partial Differential Equations in Modern Mathematical Physics and Applied Mathematics, King Abdulaziz City for Science and Technology (KACST). February 13, 2007.

V. Administration Responsibilities:

1. Member of Scientific Council:

***University of Oum-elbouaghi (1990 to 1995)**

****University of Tebessa (1996 to 2002)**

2. Head of Department of Mathematics

***University of Tebessa (1999 - 2002).**