

University of Sharjah

Department of mathematics

Curriculum Vitae



Dr. Salim Messaoudi

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1. Personal Information

Name: Salim A. Messaoudi

Birth date & place: February 10,1960, Djamaa (Algeria)

Marital Status: Married + 3 children

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Function: Professor

Major Field: Partial Differential Equations

Area of research interest:

- Hyperbolic Systems and coupled parabolic-hyperbolic Systems: (Wave, Elasticity, Thermoelasticity, Porous media, and Viscoelasticity, Bresse systems)
- Hyperbolic problems in Sobolev spaces with variable exponents

2. Background

2.1. Education

University	Year	Degree Obtained
Carnegie-Mellon University (USA)	1986 – 1989	Ph. D. in Math
Carnegie-Mellon University (USA)	1985 -1986	M Sc. In Math
University of Sci. & Technology (Algeria)	1980 – 1984	D.E.S. (B. Sc) in Math.

2.2. Awards and Scholarships

Year	Award or Scholarship
2018	KFUPM Distinguished Professor Award
2015	Appeared in the Highly Cited list
2015	KFUPM Distinguished Professor Award
2015	Best Project Award
2014	African Academy of Sciences Fellowship
2014	King Abdullah Award for translation
2014	Appeared in the Highly Cited list
2014	KFUPM Excellent Research Award
2009	KFUPM Excellent Research Award
2009	Best Project Award

2006	Best Project Award
2005	Shoman Arab Young Researchers Award
2003	KFUPM Excellent Research Award
1987 – 1989	Teaching and Research Assistantship (C.M.U., USA)
1984 -1989	Algerian government Scholarship for graduate studies abroad
1979	The President Award for graduating with excellence from high school

3. Teaching and Supervision

3.1. Teaching Experience

University	Period of Service	Position
University of Sharjah, UAE	2019- now	Professor
KFUPM, Dhahran, KSA	2005 – 2019	Professor
KFUPM, Dhahran, KSA	2001 – 2005	Associate Professor
KFUPM, Dhahran, KSA	1997 – 2001	Assistant Professor
Zarka Private University , Jordan	1996 – 1997	Assistant Professor
Nasser University, Libya	1995 – 1996	Assistant Professor
University of Biskra, Algeria	1989 -1995	Assistant Professor
CMU, Pittsburgh, USA	1994 – 1995	Teaching Assistant

3.2. Supervision

- a. **M. Sc. AcAdvisor:** 2000 – 2004
- b. **PhD. Advisor:** 2011 – 2013
- c. **Theses Supervision**

Student Name	Degree	Title	Department/ University	Year/ Status
M. Z. Saouli	M. Sc.	Study of a one-dimensional quasilinear hyperbolic system of thermoelastic equations	University of Batna, Algeria	April 1995
A. Al Shehri	M. Sc.	On the classical solutions of heat propagation with second sound	Girl's College, Dammam	November 2003
A. Al Juhani	M. Sc.	Breakdown of Solutions of a System of Heat Propagation with Second Sound	KFUPM, Saudi Arabia	Jan 5, 2005
B. Said-Houari	Ph. D.	Existence and Nonexistence results in non classical thermo-elasticity.	University of Annaba, Algeria	November 2005
S. Berrimi	Ph. D.	Decay in Solutions of wave and visco-elastic equations.	University of Setif, Algeria	July 4, 2005
Nuha Al-Jabr	M. Sc.	General decay in some	Girls' College	Jan. 16, 08

		viscoelastic problems		
Mohammad Islam	PhD	General decay rate in Timoshenko-type systems	KFUPM	April 20, 08
Zineb Al Soufi	M. Sc.	Uniform Stabilization of Some Timoshenko-type Systems	Girls' College	April 30, 08
Aisha Al Zahrani	M. Sc.	A study on Stability of Weak Solutions for Nonl. Wave Equations	Math Depart. Princess Nora University	March 25, 2009
Saeed Salman	M. Sc	Frictional Versus viscoelastic damping in wave equations	KFUPM	April 14, 2009
Abdelfateh Fareh	M. Sc	Etude de quelques problèmes elliptiques non linéaires	University of Ouargla	July 6, 09
Mr. Tijani Apalara	M. Sc	General decay in some viscoelastic equations	KFUPM	June 15, 2010
M. Kafini	PhD	Stabilization in Viscoelastic Problems in \mathbf{R}^N	ENS, Kouba	Feb. 2, 2011
Aisha Al Shehri	PhD	General Boundary Stabilization in Thermoelas.	Girls' College	May18, 2011
Brahim Tellab	MSc	Etude de quelques equations de chaleur avec memoire	University of Ouargla	June 26, 2011
Abdelfateh Fareh	PhD	ASYMPTOTIC BEHAVIOR IN SOME POROUS THERMOELASTIC SYSTEMS	University of Annaba	Jan.21, 2014
Ahmed Keddi	MSc	Etude de quelques problèmes de thermo-viscoélasticité	University of Ouargla	Jan. 23, 2012
Madani Bellabbes	MSc	Etude de quelques problèmes de thermoélasticité avec second sound	University of Ouargla	March 10, 2013
Mr. Tijani Apalara	PhD	On the Stability of Some Systems of Thermoelasticity Type III	KFUPM	Dec. 23, 2013
Mohammed Al-Gharabli	PhD	On the long-time behavior of some infinite-history viscoelastic problems	KFUPM	Dec. 24, 2014
Fairouz Boulanoir	PhD	Stabilisation frontière et distribuée de quelques problèmes en thermoélasticité	Setif	June 11, 2015
Edwin Soh Mukiawa	PhD	ON SOME PROBLEMS ARISING FROM A SUSPENSION BRIDGE	Math/KFUPM	May 4, 2016
Ala Talahmeh	PhD	Blow Up in some	Math/KFUPM	Dec. 25, 2017

		Hyperbolic Problems Involving Lebesgue and Sobolev Spaces with Variable Exponents		
Waleed Al-Khulaifi	PhD	General Energy Decay Rates for Some Viscoelastic Problems	Math/KFUPM	May 24,2017
Ahmed Keddi	PhD	Stabilization in thermoelasticity with second sound	Math/ Sidi Belabbes	March 4, 2018
Redouane Douaifia	MSc Co-Supervisor	Opérateurs Maximaux Monotones et Applications aux EDP's.	Math/ University of Oran, Algeria	June 2018
Jamilu Hassan Hashem	PhD	On General Decay Rates of Some Viscoelastic Systems	Math/KFUPM	December 10, 2018

c. Senior Projects

1) Senior Project, Math. Dept., KFUPM, Semester 2, 2004
2) Senior Project, Math. Dept., KFUPM, Semester 2, 2001
3) Senior projects, Math. Dept., School of Education, Nasser University (Libya) 1996.

d. Summer Training

1) Math Department, KFUPM, Summer 2001
2) Math Department, KFUPM, Summer 1999

3.3. Thesis Committees

Student name	Degree / Year	Department / University
Mr. M. Nacer	M. Sc. April1993	Math Dpt. / Univ. of Batna
Mr. A. Aziz Al Homaïdi	M. Sc. May 1999	Math Department / KFUPM
Mr. Khalid Masood	Ph. D. March 2002	Math Department / KFUPM
Mr. Jamal Al Ismail	M. Sc. Jan 2004	Math Department / KFUPM
Mr. Abdullah Al Rammadan	M. Sc. May 2004	Math Department / KFUPM
Mr. Ali Al Gahtani	M. Sc. May 2004	Math Department / KFUPM
Miss Rasha Al Issa	M. Sc. Dec 2004	Math/ Girls' College
Mr. M. Al Lail	M. Sc. Jan 2005	Math Department / KFUPM
Mr. Aijaz Ahmad	M. Sc. Oct. 2005	Math Department / KFUPM
Miss Shams Al Yusof	M. Sc. Feb. 2006	Math Department / KSU
Miss Zaineb Al Khadhem	M. Sc. May 2006	Math Department / KSU
Miss Azhar Al Hammali	M.Sc. June 2007	Math Department / KSU
Miss Zakia Al Awfi	M.Sc. May 14, 08	Math/ Girls' College
Miss Rabab Al-Yucef	Ph.D. March 8, 09	Math Department / KSU
Mr. Muhammad Abdulwahhab	PhD January 2010	Math. & Stat./ KFUPM
Miss Azhar	MSc. March 30, 10	Math Department / KSU
Mr. Rudwan Rabee	MSc April 13, 10	Math. & Stat./ KFUPM
Miss Esmahan Essa Ojijan	May 5, 2010	Math Depart. Princess Nora University

Ahmed Duwik	PhD: Jan 27, 2010	Math. & Stat./ KFUPM
Miss Abeer Al Aliew	PhD: Dec. 28, 2010	Math. Depart. Girls' College Dammam
Mr. Mohammed Dahhan Qaseem	MSc: May 8, 2011	Math. & Stat./ KFUPM
Bushra Ridha Al-Sinan	MSc: Nov. 30, 2011	Math/ KSU
Hajjia Mubarek Al-Shammari	MSc June 2, 2012	Math/KSU
Najah Mukbil Al-Shammari	MSc June 4, 2012	Math/KSU
Mohammed A. Abu Shosha	MSc April 2013	Math/KFUPM
Saeed Murabbeh	MSc April 29, 2014	Math/KFUPM
Wael Al-Ahmadi	MSc May 7, 2014	Math/KFUPM
Redouane Rahali	PhD: June 5, 2014	Math/ Annaba
Aissa Benguessoum	PhD: April 14, 2015	Math/ Sidi Bel Abbes
Wafiya Boukrouk	PhD: June 24, 2015	Math/ Jjel
Kassim Dahhan	PhD: April 20, 2016	Math/KFUPM
Ahmad Adel Ahmad	PhD: May 2, 2016	Math/KFUPM
Dennis Enyi	PhD: May 2017	Math/KFUPM
Jonhson Dadi Audu	PhD: May 2, 2018	Math/KFUPM

4. Research Work

4.1. Journal Papers

- 1) Hrusa J. W. & Messaoudi S. A., *On Formation of singularities in one-Dimensional nonlinear thermoelasticity*, Archive of Rational Mech. Analysis **111** # 2 (1990) 135 – 151.
- 2) Messaoudi S. A., *On Weak Solutions of Semilinear Thermoelastic Equations*, Maghreb Math Review Vol. **1** # 1 (1992) 31 – 40.
- 3) Messaoudi S. A., *Formation of Singularities in Heat Propagation guided by Second Sound*, J. Differential equations **130** (1996) 92 – 99.
- 4) Messaoudi S. A., *Blow up in solutions of a semi-linear wave equation.*, International J. Applied Math Vol. **1** # 6 (1999), 621 – 626.
- 5) Messaoudi S. A., *Formation of Singularities in Solutions of a Wave Equation*, Applied Math. Letters **12** # 4 (1999), 23 – 28.
- 6) Messaoudi S. A., *On the existence and nonexistence of solutions of a nonlinear hyperbolic system describing heat propagation by second sound*, Applicable Analysis **73** (1999) 485 – 496.
- 7) Messaoudi S. A., *Gradient Catastrophe in the classical solutions of nonlinear hyperbolic systems*, Journal of Partial Differential Equations Vol. **13** # 1(2000), 28 – 35.
- 8) Messaoudi S. A., *Blow up in solutions of a linear wave equation with mixed nonlinear boundary conditions*, Arabian J. Sciences & Engineering Vol. **25** # 1A, (2000) 39 – 44.
- 9) Messaoudi, S. A., *Energy decay of solutions of a semilinear wave equation*, International J. Applied Math, Vol. **2** # 9 (2000), 1037 – 1048.
- 10) Messaoudi S. A., *A comparative result between the Gamma function and the Exponential*, Int. J. Math. Edu. Sci. Technol., Vol **31** # 6 (2000), 946 – 948.
- 11) Messaoudi S. A., *Blow up in the solutions of an equation describing a transverse motion of a non homogeneous string*, Arab J. Math. Sc., Vol. **6** # 1, (2000) 75 – 82.

- 12) Messaoudi S. A., *On weak solutions of a system of one-dimensional nonlinear thermoelasticity*, Arab J. Math. Sc. Vol. **6** # **2** (2000), 27 – 40.
- 13) Kirane M. and Messaoudi S. A., *Breakdown in finite time of solutions to a one-dimensional wave equation.*, Revista Matematica Complutense Vol. **XIII** # **2** (2000), 413 – 422.
- 14) Messaoudi S. A., *A global existence result in a one-dimensional thermoelastic system*, International J. Diff. Equations Vol. **2** # **3** (2001), 303 – 316.
- 15) Messaoudi S. A., *A blow-up result in a multidimensional semilinear thermoelastic system*, Electron. J. Diff. Eqns., Vol. **2001** # **30** (2001), 1- 9.
- 16) Messaoudi S. A., *Decay of the solution energy of a nonlinearly damped wave equation*, Arabian J. Sciences & Engineering Vol. **26** # **1A** (2001), 63 – 68.
- 17) Messaoudi S. A., *Blow up in a semilinear wave equation*, J. Partial Diff. Equations **14** (2001), 105 – 110.
- 18) Messaoudi S. A., *Blow up in a nonlinearly damped wave equation*, Mathematische Nachrichten **231** (2001), 1 – 7.
- 19) Messaoudi S. A., *Global existence and nonexistence in a system of Petrovsky*, J. Math Anal. Appl. **265** (2002), 296 – 308.
- 20) Messaoudi S. A., *Development of singularities in solutions of a hyperbolic system*, Int. J. Math. & Math. Sciences Vol. **28** # **1** (2001), 1 – 7.
- 21) Kirane M. & Messaoudi S. A., *Nonexistence results for the Cauchy problem of some systems of hyperbolic equations*, Annales Polonici Mathematici **LXXVIII** # **1** (2002), 39 – 47.
- 22) Masood K., Messaoudi S. A., and Zaman F., *Initial Inverse problem in heat equation with Bessel operator*, International J. of heat and mass transfer, Vol. **45** # **14** (2002), 2959 – 2965
- 23) Messaoudi S. A., *Global nonexistence in a nonlinearly damped wave equation*, Applicable Analysis Vol. **80** # **3** (2002), 269 – 277.
- 24) Benaissa A. and Messaoudi S. A., *Blow up of solutions of a nonlinear wave equation*, J. Applied Math. **2** # **2** (2002), 105 – 108.
- 25) Mesloub S. and Messaoudi S. A., *A three point boundary value problem with a nonlocal condition for a hyperbolic equation*, Elect. J. of Differential Equations, Vol. **2002** # **62** (2002), 1 – 13.
- 26) Messaoudi S. A., *Decay of solutions of a nonlinear hyperbolic system describing heat propagation by second sound*, Applicable Analysis Vol. **81** # **2** (2002), 201 – 210
- 27) Messaoudi S. A., *Local existence and blow up in nonlinear thermoelasticity with by second sound*, Com. Partial Differential Equations Vol. **27** # **7** & **8** (2002), 1681 – 1693.
- 28) Messaoudi S. A., *On separable variable functions*, Int. J. Math. Edu. Sci. Tech., Vol **33** # **3** (2002), 425 – 427.
- 29) Messaoudi S. A., *A note on blow up of solutions of a quasilinear heat equation with vanishing initial energy*, J. Math. Anal. Appl. **273** (2002), 243 – 247.
- 30) Benaissa A. and Messaoudi S. A., *Blow-up of solutions for Kirchhoff equation of q -Laplacian type with nonlinear dissipation*, Colloquium Mathematics **94** # **1** (2002), 103 – 109. ERA: B

- 31) Benaissa A. and Messaoudi S. A., *Blow-up of solutions of a quasilinear wave equation with nonlinear dissipation*, J. Partial Diff. Eqns **15** # **3** (2002), 61 – 67.
- 32) Messaoudi S. A., *Global existence and decay of solutions to a system of Petrovsky*, Mathematical Sciences. Research J. Vol. **11** # **11** (2002), 534 – 541.
- 33) Mesloub S. and Messaoudi S. A., *A non local mixed semilinear problem for second order hyperbolic equations*, Elect. J. Differential Equations, Vol. **2003** # **30** (2003), 1 – 17.
- 34) Messaoudi S. A., *Local existence and blow up in a semilinear heat equation with the Bessel operator*, Nonlinear Studies Vol. **10** # **1** (2003), 59 – 66
- 35) Messaoudi S. A. and Tatar N-E., *Global existence asymptotic behavior for a Nonlinear Viscoelastic Problem*, Mathematical Sciences. Research J. Vol. **7** # **4** (2003), 136-149.
- 36) Messaoudi S. A., *Blow up in the Cauchy problem for a nonlinearly damped wave equation*, Comm. On Applied. Analysis **7** # **3** (2003), 379 – 386.
- 37) Messaoudi S., *Blow up and global existence in a nonlinear viscoelastic equation*, Mathematische Nachrichten **260** (2003), 58 – 66
- 38) Messaoudi S. A., *Decay and gradient estimate for solutions of a semilinear heat equation*, Arab Journal of Math. Sciences vol. **9** # **2** (2003), 1 – 7.
- 39) Masood K., Messaoudi S. A., and Zaman F., *Recovery and regularization of the initial temperature distribution in a cylinder*, Int. J. heat and tech. Vol. **21** # **2** (2003), 155 – 160.
- 40) Berrimi S. and Messaoudi S. A., *Exponential decay of solutions to a viscoelastic equation with nonlinear localized damping*, Elect. J. Differential Equations, Vol. **2004** # **88** (2004), 1 – 10.
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- 41) Messaoudi S. A. and Said-Houari B., *Blow up of solutions with positive energy in nonlinear thermoelasticity with second sound*, J. Appl. Math. **2004** # **3** (2004), 201 – 211.
- 42) Messaoudi S. A., *Asymptotic stability of solutions of a system for heat propagation with second sound*, J. Concrete Appl. Math. Vol. **2** # **3** (2004), 249-256
- 43) Messaoudi S. and Said-Houari B., *Blow up of solutions of a class of wave equations with nonlinear damping and source terms*, Math. Methods Appl. Sc. # **27** (2004), 1687 – 1696
- 44) Messaoudi S. A. and Said-Houari B., *Exponential stability in one-dimensional nonlinear thermoelasticity with second sound*, Math. Methods in Applied Sciences # **28** (2005), 205 – 232.
- 45) Messaoudi S. A., *Blow up of solutions of a semilinear heat equation with a memory term*, Abstract and Applied Analysis **2** (2005), 87-94.
- 46) Messaoudi S. A., *Formation of singularities in solutions of a quasilinear strictly hyperbolic system*, Dynamics of Continuous, Discrete, and Impulsive Systems **12** # **3-4** (2005), 423-428.
- 47) Guesmia A. and Messaoudi S. A., *Decay estimates of solutions of a nonlinearly damped wave equation*, Journal Annal. Polonici. Math. **85** # **1** (2005), 25-36.
- 48) Mesloub S. and Messaoudi S. A., *On a system of linear thermoelasticity with the Bessel operator*, Matematicki Vesnik **57** (2005), 19-26.
- 49) Messaoudi S., *On the decay of solutions for a class of quasilinear hyperbolic equations with nonlinear damping and source terms*, MMAS **28** (2005), 1819-1828

- 50) Ben Aissa A. & Messaoudi S. A., *Exponential decay of solutions of a nonlinearly damped wave equation.*, NoDEA Vol. **12** # **4**, (2005), 391-399
- 51) Guesmia A. and Messaoudi S. A., On the boundary stabilization of a compactly coupled system of nonlinear wave equations, Int. J. Evolution Eqns Vol. 1 # 3 (2005), 211-224.
- 52) Berrimi S. and Messaoudi S. A. *Existence and decay of solutions of a viscoelastic equation with a nonlinear source*, Nonlinear Analysis **64** (2006), 2314-2331
- 53) Messaoudi S. A. and Said-Houari B., *A global nonexistence result for the nonlinearly damped multi-dimensional Boussinesq equation*, AJSE Vol. **31** # IA (2006), 57-68
- 54) Messaoudi S., Blow up of positive-initial-energy solutions of a nonlinear viscoelastic hyperbolic equation, JMAA **320** (2006), 902-915.
- 55) Messaoudi S. A. and Belkacem Said-Houari, A blow-up result for a higher-order nonlinear Kirchhoff-type hyperbolic equation, AML **20** # **8** (2007), 866-871
- 56) Messaoudi S. A. and Tatar N. E., Global existence and uniform stability of solutions for a quasilinear viscoelastic problem, MMAS Vol. **30** (2007), 665-680
- 57) Messaoudi S.A., Tatar N.-e., and Said-Houari B., Global Existence and Asymptotic Behavior for a Fractional Differential Equation, *Applied Math and computations* **188** (2007), 1955-1962.
- 58) Messaoudi S., On the control of solutions of a viscoelastic equation, Journal of the Franklin Institute **334** (2007), 765-776
- 59) Messaoudi, S. A. Global existence, exponential decay, and blow-up in one-dimensional quasilinear hyperbolic systems: a unified approach. *Dyn. Contin. Discrete Impuls. Syst. Ser. A* **14** # **3** (2007), 387-400.
- 60) Messaoudi S. A. and Soufyane A., Boundary stabilization of solutions of a nonlinear system of Timoshenko type, Nonlinear Analysis **67** (2007), 2107-2121
- 61) Kafini M. and Messaoudi S.A., A blow-up result in a viscoelastic system in \mathbf{R}^N , Electr. J. Differ. Eqns. Vol. **2007** # **113** (2007), 1-7
- 62) Messaoudi S.A. and A. Al-Juhani, Breakdown of solutions of a system describing heat propagation with second sound, AJMS Vol. **12** # **1** (2006), 31-42
- 63) Messaoudi S. A. and Tatar N. E., Exponential and Polynomial Decay for a Quasilinear Viscoelastic Equation, Nonlinear Analysis TMA **68** (2007), 785-793
- 64) Messaoudi S.A. and Soufyane A., Boundary stabilization of memory type in thermoelasticity of type III , Applicable Analysis Volume **87** # **1** (2008), 13-28.
- 65) Messaoudi S.A. and N.-e. Tatar, Uniform stabilization of solutions of a nonlinear system of viscoelastic equations, Applicable Analysis Volume **87** # **3** (2008), 247-263.
- 66) Kafini M. and Messaoudi S.A., A blow-up result in a Cauchy viscoelastic problem, AML **21** (2008), 549-553
- 67) Messaoudi S.A. General decay of solutions of a viscoelastic equation, JMAA **341** (2008), 1457-1467

- 68) Messaoudi S.A., General decay of the solution energy in a viscoelastic equation with a nonlinear source, *Nonlinear Analysis TMA* **69** (2008), 2589-2598
- 69) Messaoudi S. A. and Said-Houari B., Energy decay in a Timoshenko-type system of thermoelasticity of type III, *JMAA* **348** (2008), 298-307
- 70) Guesmia A. and Messaoudi S.A., On the control of solutions of a viscoelastic equation, *Applied Math and Computations* Vol. 206 # 2 (2008), 589-597
- 71) Messaoudi S.A. and Mustafa M.I., On the internal and boundary stabilization of Timoshenko beams, *NoDEA* **15** (2008), 655-671
- 72) Messaoudi S. A. and Said-Houari B., Energy decay in a Timoshenko-type system with history in thermoelasticity of type III, *Advanced in Differential Equations* Vol. 4 # 3-4 (2009), 375-400.
- 73) Messaoudi S.A. and Mustafa M.I., On the stabilization of the Timoshenko system by a weak nonlinear dissipation *MMAS* **32** (2009), 454-469
- 74) Messaoudi S.A., Pokojovy Michael, and Belkacem Said-Houari, Nonlinear Damped Timoshenko systems with second sound Global existence and exponential stability, *MMAS* **32** (2009), 505-534
- 75) Messaoudi S.A. and Mustafa M.I., On the control of solutions of viscoelastic equations with boundary feedback, *NARW* **10** (2009), 3132-3140
- 76) Messaoudi S.A., and Said-Houari Belkacem, Energy decay in a transmission problem in thermoelasticity of type III, *IMA J. Appl. Math.* **74** (3) (2009), 344-360
- 77) Kafini M. and Messaoudi S.A., On the uniform decay in viscoelastic problems in \mathbf{R}^N , *Applied mathematics and Computations* 215 (2009), 1161-1169
- 78) Messaoudi S.A. and Mustafa M.I., A stability result in a memory-type Timoshenko system, *Dynamic Systems and Applications* **18** (2009), 457-468
- 79) Messaoudi S.A. and N.-e. Tatar, Exponential decay for a quasilinear viscoelastic equation, *Mathematische Nachrichten* 282 # 10 (2009), 1443-1450
- 80) Guesmia A. and Messaoudi S.A., General energy decay estimates of Timoshenko systems with frictional versus viscoelastic damping, *Math. Methods Appl. Sci.* **32** (2009), 2102-2122
- 81) Messaoudi S.A., and Said-Houari Belkacem, Uniform decay in a Timoshenko-type system with past history, *J. Math. Anal. Appl.* **360** (2009), 459-475
- 82) Mesloub S., Hacene Mecheri , and Messaoudi S.A., On solutions of a singular viscoelastic equation with an integral condition, *Georgian Mathematical Journal* Vol. 6 # 4 (2009), 761-778
- 83) Messaoudi S.A., and Said-Houari Belkacem, Global nonexistence of positive initial-energy solutions of a system of nonlinear viscoelastic wave equations with damping and source terms, *J. Math. Anal. Appl.* 365 (2010), 277-287
- 84) Messaoudi S.A. and Mustafa M.I, On convexity for energy decay rates of a viscoelastic equation with boundary feedback *Nonl. Anal. TMA* 72 (2010), 3602-3611
- 85) Mustafa M.I. and Messaoudi S.A., General energy decay rates for a weakly damped Timoshenko system, *Dynamical and Control Systems* Vol. **16** # 2 (2010), 211-226
- 86) Mustafa M.I. and Messaoudi S.A., General Energy Decay Rates for a Weakly Damped Wave Equation, *Communications in Mathematical Analysis* Vol. 9 # 2 (2010), 67-76

- 87) Mesloub S. and Messaoudi S.A., Global existence, decay, and blow up of solutions of a singular nonlocal viscoelastic problem, *Acta Applicanda Mathematicae* 110 # 2 (2010), 705-
- 88) El-Gebeily M., O'Regan D., and Messaoudi S., Type I operators and the approximations of singular two-point boundary value problems, *Appl. Math. Comput.* 216(2010), 3433-3438
- 89) Messaoudi S.A. and Soufyane A., General decay of solutions of a wave equation with a boundary control of memory type, *Nonl. Anal. Real World Appl.* **11** # **4** (2010), 2896-2904
- 90) Messaoudi S.A. and Al-Shehri A., General boundary stabilization of memory- type thermoelasticity. *J. Math. Physics* 51, 103514 (2010)
- 91) Messaoudi S.A. and Al-Shehri A., General boundary stabilization of memory type in thermoelasticity of type III, *ZAMP* **62** (2011), 469-481
- 92) Said-Houari B., Messaoudi S.A. and Guesmia A., General decay of solutions of a nonlinear system of viscoelastic wave equations, *Nonlinear Differential Equations and Applications* 18 (2011), 659–684
- 93) Messaoudi S.A. and Fareh A., General decay for a porous thermoelastic system with memory: Case of equal speeds, *Nonlinear Analysis: TMA* 74 (2011), 6895-6906
- 94) M. Kafini, S.A. Messaoudi, N.E. Tatar, Decay rate of solutions for a Cauchy viscoelastic evolution equation, *Indagationes Mathematicae*, Volume 22, Issues 1-2 (2011), 103-115
- 95) Messaoudi S.A., General decay of solutions of a weak viscoelastic equation, *AJSE-Math* 36 (2011), 1569–1579
- 96) Messaoudi S. and Tellab B., A general decay result in a quasilinear parabolic system with viscoelastic term, *Applied Mathematics Letters* 25 (2012) 443–447
- 97) Guesmia A. and Messaoudi S., A general decay result for a viscoelastic equation in the presence of past and finite history memories, *Nonlinear Analysis Series B: Real World Applications* 13 (2012), 476-485
- 98) Guesmia A., Messaoudi S., and Wehbe A., Uniform decay in mildly damped Timoshenko systems with non-equal wave speed propagation, *Dynamic systems and Applications* 21 (2012) 133-146
- 99) Muhammad I. Mustafa and Messaoudi S., Energy decay rates for a Timoshenko system with viscoelastic boundary conditions, *Applied Mathematics and Computation* 218 (2012) 9125–9131
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4.3. Books

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 ترجمة كتاب: Analyse fonctionnelle: Theorie et Applications

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- 9) Control and Stability of Solutions of Wave, Beam and Plate Equations, Palestine Journal of Mathematics Vol. 2.2(2013), Special issue, edited by Kais Ammari, Marcelo Cavalcanti, Irena Lasiecka, Salim Messaoudi: http://pjm.ppu.edu/?page=volumes&vol=2_2

4) Proceedings of the Lebanese International Conference on Mathematics and Applications (LICMA'15), Palestine Journal of Mathematics Vol. 6 (2017), Special issue, edited by Ali Wehbe and Salim Messaoudi:
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2. Abbas Benaissa and Salim. A. Messaoudi, Global existence and Energy decay of solutions for a Nondissipative Wave equation with time-varying delay term, Chapter 1, Progress in Partial Differential equations, Asymptotic profiles, regularity and well-posedness, Springer Proceedings in Mathematics and Statistics **44** (2013), 1- 26.
3. Salim A. Messaoudi (2016). General Stability in Viscoelasticity, Viscoelastic and Viscoplastic Materials, Prof. Mohamed El-Amin (Ed.), InTech, Chapter 12, pages 277-293, Available from: <http://www.intechopen.com/books/viscoelastic-and-viscoplastic-materials/general-stability-in-viscoelasticity>

4. Salim A. Messaoudi and Soh. E. Mukiawa, A Suspension Bridge Problem: Existence and Stability, Mathematics Across Contemporary Sciences, Springer International Publishing Switzerland 2016
5. Salim A. Messaoudi and Jamilu Hashim Hassan, On the General Decay for a System of Viscoelastic Wave Equations, *Current Trends in Mathematical Analysis and Its Interdisciplinary Applications*, H. Dutta et al. (eds.), Springer Nature Switzerland AG 2019
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4.5. Conference Presentations

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- 2) *Energy decay of solutions of a semilinear wave equation with mixed boundary conditions*, The First International Math Conference, University of the UAE, Al Ain, November 21 – 23 1999
- 3) *Blow up in a semilinear wave equation*, The 5th meeting of the Saudi Association of Math. Sciences (SAMS), Riyadh, Saudi Arabia, April 11 – 12, 2000
- 4) *Blow up in a semilinear thermoelastic system*, The Third International Congress of Nonlinear Analysis, Catania, Italy July 20 – 28, 2000
- 5) *Blow up in a semilinear wave equation with convection term., Workshop on Elasticity – Thermoelasticity – Viscoelasticity*, Konstanz, Germany. July 31 – August 4, 2000.
- 6) *On the Solution of a Hyperbolic Heat System*, *The First Saudi Science conference*, April 9 – 11, 2001, KFUPM, Dhahran, Saudi Arabia,
- 7) *On Existence and blow up in an initial one-point boundary value problem*, Conference in Mathematical Analysis and Application, Amer. Univ., Sharjah, U.A.E., May 2 –4, 2001.
- 8) *Decay in heat propagation guided by second sound*, The 6th Meeting of the Saudi Mathematical Society, Riyadh, Saudi Arabia, April 9 & 10, 2002.
- 9) *Decay and gradient estimate for solutions of a semilinear heat equation*, The First UAE Math Conference, University of Sharjah, U.A.E., May 8, 2003
- 10) *On thermoelasticity with second sound*, Joint Meeting of the AMS and the Spanish Math. Society Sivilla, Spain, June 18 – 21 2003.
- 11) *Wave-Like heat propagation*, The 6th International Congress on Industrial and Applied Math, Sydney, Australia July 7 – 11, 2003 (With Al Shehri A)
- 12) *A decay result in a system of thermo-elasticity type III*, The Second UAE Math Conference American University, Sharjah, UAE, April 1, 2004
- 13) *A decay result in a parabolic system with a visco-elastic term*, The Second UAE Math Conference, American University, Sharjah, UAE, April 1, 2004

- 14) *Blow up of solutions of a quasilinear heat equation with positive initial energy*, the 7th SAMS meeting, PSU, Riyadh, Saudi Arabia, April 7 – 8, 2004
- 15) *Why Sobolev Spaces ?*, The First Applied Math. Day, KFUPM, April 11, 2004.
- 16) *Blow up of solutions of a semilinear heat equation with memory term*, Nonlinear Elliptic and Parabolic Problems, Zurich June 28 – 30, 2004
- 17) *Boundary Stabilization of a nonlinear thermoelastic system*, The 6th AMU Pan-African Congress of Math. Tunis, Sepyember1 – 6, 2004
- 18) *A blow up result in a parabolic system with a visco-elastic term*, The Second International Conference on Math. Sciences, UAEU, Al Ain December 12 – 14, 2004
- 19) *On the control of solutions of a viscoelastic equation*, Proceedings of the first international Conference on Modeling, Simulation, and Applied optimization, Amer. Univ. of Sharjah, Feb 1 – 3, 2005
- 20) *Exponential decay for the solutions of a nonlinear viscoelastic equation*, Conference on Nonlinear Partial Differential Equations, Tipaza, Algeria, May 23-26, 2005
- 21) *Decay of solution energy of some nonlinear viscoelastic equations of hyperbolic type*, Les journees Algero-Francaises, Constantine November 26-28, 2005
- 22) *Boundary stabilization of a system of thermoelasticity type III*, The fourth UAE Math Day, April 27, 2006, Sharjah, UAE.
- 23) *On Decay of Solutions in an Abstract integro-differential Equation*, Workshop on Abstract and Ordinary Differential Equations, May 13-18, 2006, Tipaza, Algeria.
- 24) *General Decay of solutions of a semilinear viscoelastic equation*, The 6th AIMS Conference on Dynamical systems, Differential Equations and Applications, June 25-28, 2006, Poitier, France.
- 25) *General Decay of solutions of a semilinear viscoelastic equation*, Workshop on PDE's in Modern Mathematical Physics and Applied Mathematics, KACST, Riyadh, Feb., 13, 2007.
- 26) *On the uniform decay in a semilinear Integro-differential elastic equation*, The Third Saudi Science Conference, Riyadh March 10-13, 2007 (With Nuha A. Al-Jebr)
- 27) *Decay in viscoelastic system of Timoshenko-type*, the Second International Conference on Modeling, Simulation and Applied Optimization (ICMSAO-07), Abu Dhabi March 25-27, 2007
- 28) *Frictional versus viscoelastic damping for Timoshenko-type systems*, the Fifth UAE Math Days, Etissalat University College, Sharjah April 28-29, 2007
- 29) *Elastic versus viscoelastic materials*, First Theoretical Physics day, KFUPM May 13, 2007

- 30) On the uniform decay in a semilinear Integro-differential elastic equation, ICIAM 07, Zurich July 16-20, 2007.
- 31) General decay in a viscoelastic system, Second Symposium on Nonlinear Dynamics, Shenghai, China, October 27-30, 2007
- 32) Energy decay in a Timoshenko-type system of thermoelasticity of second sound, The Third International Conference on Mathematical Sciences, Al Ain, UAE, March 3-6, 2008
- 33) The uniform decay for a Timoshenko system with two frictional dampings, the Sixth UAE Math Day, Petroleum Institute, Abu Dhabi, UAE, April 26, 2008 (With Al-Soufi Zaineb)
- 34) General decay in a viscoelastic equation, Symposium On Global Analysis and probability, Al Qaseem May 27-28, 2008
- 35) A stability result in a memory-type Timoshenko system, Workshop on Partial differential Equations, Rio de Janeiro, August 26-29, 08
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- 37) On the stabilization of the Timoshenko system by a weak nonlinear dissipation, International Conference on Modeling of Engineering and Technological Problems, and 9th Biennial Conference of Indian Society of Industrial and Applied Mathematics, Agra, India 14-16, Jan 2009
- 38) Frictional versus viscoelastic damping in wave equation, International Conference on Mathematical Modelling (ICMM) Oman February 23-26, 2009
- 39) Uniform decay result in some Timoshenko-type systems, International Conference on Mathematical Modelling (ICMM) Oman February 23-26, 2009
- 40) Uniform Decay in a Timoshenko-type System with Past History, The 6th European Conference on Elliptic and Parabolic Problems, May 25-29, 2009, Gaeta, Italy
- 41) A general decay result in a viscoelastic Timoshenko system, International Conference on Complex Systems and Applications ICCSA 2009, , Le Havre France June 29-July 02, 2009
- 42) Uniform Stability in Timoshenko-type System, International Conference on Mathematics and Information Security (*ICAMIS 2009*), Sohag, Egypt November 13th – 15th , 2009
- 43) Uniform Stability in Timoshenko-type System, First Annual Math Days, KSU, December 16-17, 2009.
- 44) On the control of solutions of a coupled system of nonlinear viscoelastic equations, [International Conference On Analysis and Applications ICAA2010](#), January 24-26, 2010, Sultan Qaboos University, Muscat, Oman

- 45) On convexity for energy decay rates of a viscoelastic equation, The Joint AMS and the First International Conference on Mathematics and Statistics AUS-ICMS '10, AUS, March 18-21, 2010, Sharjah, UAE
- 46) General decay for the solution of a viscoelastic wave equation with a nonlinear damping, the 8th AIMS Conference, May 25-28, 2010, Dresden, Germany
- 47) General decay of solutions of thermoelasticity with second sound and viscoelastic boundary conditions, Putra World Trade Centre, Nov 30 - Dec 2, 2010, Kuala Lumpur, Malaysia
- 48) Thermoelasticity: Fourier's Law versus Cattaneo's Law, Mathematics and its Applications, Emam University, March 23-24, 2011, Riyadh, Saudi Arabia
- 49) A general decay result in a quasilinear heat equation with a memory term, the 9th UAE Math Day, April 9-10, 2011, Univ. of Ajman, UAE
- 50) On the damped wave equation: Existence and decay of solutions, ANALYSIS and PDE Day – 2011, King Khaled University, Abha, May 4, 2011
- 51) General decay of solutions of a viscoelastic equation with an external force, ANALYSIS and PDE Day – 2011, King Khaled University, Abha, May 4, 2011
- 52) Stability in a system of a thermoelasticity with second sound, International conference on Differential and difference equations, Ponta Delgada, Portugal, July 4-8, 2011.
- 53) Stability in a system of a thermoelasticity with second sound, The Joint AMS and The Fourth International Conference on Mathematical Sciences – ICM2012, Al-Ain, UAE, March 11-14, 2012
- 54) An exponential decay result for a porous system of thermoelasticity type III, The Joint AMS and The Fourth International Conference on Mathematical Sciences – ICM2012, Al-Ain, UAE, March 11-14, 2012
- 55) General Stability for a porous thermoelastic system with memory, The 2nd MATH-DAYS OF KING SAUD UNIVERSITY, RIYADH, March 14-15, 2012
- 56) General decay for a porous thermoelastic system with memory, Fifth Saudi Science Conference (SSC5'2012), Makkah, April 16 – 18, 2012
- 57) On a porous thermoelastic system, Third International Conference of the Moroccan Society of Applied Math. (SM2A), Marrakesh, Sept., 10 – 13, 2012
- 58) General decay in viscoelastic equations, International Conference on Discrete Math and Computer Science, Dimacos' 12, November 13- 17, 2012, Beirut, Lebanon
- 59) On some nonlinear elliptic problems, Ecole sur les equations differentielles abstraites (EDA), March 11-14, 2013, Ouargla, Algeria
- 60) On existence and asymptotic behavior of a thermoelastic system, I^{ER} COLLOQUE NATIONALE SUR LA THEORIE des OPERATEURS et SES APPLICATIONS March 11- 13 El oued, Algeria

- 61) General decay in viscoelastic equations, The Eighth IMACS International conference on Nonlinear Evolution Equations and wave phenomena: computation and Theory, March 25 – 28, 2013, Athenes, Georgia, USA
- 62) Polynomial decay for a Timoshenko system with thermoelasticity type III: Case of nonequal speeds, The 11th UAE-Math Day, April 27, 2013
- 63) General stability in viscoelastic equations: History and recent results, The Algerian-Turkish International days on Mathematics (ATIM 2013), September 12-14, 2013, Istanbul, Turkey.
- 64) Asymptotic stability of thermoelasticity type III with an infinite memory, workshop on New Methods in Partial differential equations during the period 18-20 November, 2013, KSU, Riyad, KSA
- 65) On the uniform decay of porous thermoelastic system with second sound, The Twelveth UAE Math Day, American University at Dubai, April 19, 2014
- 66) An exponential stability result of a Timoshenko system with thermoelasticity with second sound and the presence of delay, Franco-Algerian Conference on PDE's and Applications, June 16-19, 2014, Poitier, France
- 67) Asymptotic stability of thermoelasticity type III with an infinite memory, Franco-Algerian Conference on PDE's and Applications, June 16-19, 2014, Poitier, France
- 68) Stabilization of a porous thermoelastic system with second sound, Conference on Math. And its Applications, Kuwait, November 15-17, 2014
- 69) Existence and stability in a wave equation with a strong damping and a strong delay, **The X Americas Conference on Differential Equations and Nonlinear Analysis**, University of Buenos Aires, Argentina, February 9-20, 2015.
- 70) A suspension bridge: A semilinear Problem, the 14th UAE-Math-Day, NYU, Abu Dhabi, March 12th, 2016
- 71) A suspension bridge: A semilinear Problem, the 10th AIMS Conference on Dynamical Systems, Differential Equations and Applications, Orlando, Florida, USA, July 1 – to July 5, 2016
- 72) General and Optimal Decay in a viscoelastic Problem, The IV Symposium on PDE's the State University of Maringá, Parana, Bràzil, November 23-25, 2016
- 73) A stability result for a nonlinear damped wave equation with variable-exponent nonlinearities, 4th Conference on Mathematical Science and Applications, King Saud University, Riyadh, Saudi Arabia, April 11-12, 2018

4.6 Plenary/Invited Talks

- 1) Blow up in a semilinear wave equation with convection term., Workshop on Elasticity – Thermoelasticity – Viscoelasticity , Konstanz, Germany. July 31 – August 4, 2000.
- 2) Exponential decay for the solutions of a nonlinear viscoelastic equation, Conference on Nonlinear Partial Differential Equations, Tipaza, Algeria, May 23-26, 2005
- 3) Decay of solution energy of some nonlinear viscoelastic equations of hyperbolic type, Les journees Algero-Francaises, Constantine November 26-28, 2005
- 4) On Decay of Solutions in an Abstract integro-differential Equation, Workshop on Abstract and Ordinary Differential Equations, May 13-18, 2006, Tipaza, Algeria.
- 5) General Decay of solutions of a semilinear viscoelastic equation, Workshop on PDE's in Modern Mathematical Physics and Applied Mathematics, KACST, Riyadh, Feb., 13, 2007.
- 6) A general decay result in a viscoelastic Timoshenko system, International Conference on Complex Systems and Applications ICCSA 2009, , Le Havre France June 29-July 02, 2009
- 7) Uniform Stability in Timoshenko-type System, International Conference on Mathematics and Information Security (ICAMIS 2009), Sohag, Egypt November 13th – 15th, 2009
- 8) Thermoelasticity: Fourier's Law versus Cattaneo's Law, Mathematics and its Applications, Emam University, March 23-24, 2011, Riyadh, Saudi Arabia
- 9) On the damped wave equation: Existence and decay of solutions, ANALYSIS and PDE Day – 2011, King Khaled University, Abha, May 4, 2011
- 10) General decay of solutions of a viscoelastic equation with an external force, ANALYSIS and PDE Day – 2011, King Khaled University, Abha, May 4, 2011
- 11) General Stability for a porous thermoelastic system with memory, The 2nd MATH-DAYS OF KING SAUD UNIVERSITY, RIYADH, March 14-15, 2012
- 12) General decay for a porous thermoelastic system with memory, Fifth Saudi Science Conference (SSC5'2012), Makkah, April 16 – 18, 2012
- 13) General decay in viscoelastic equations, International Conference on Discrete Math and Computer Science, Dimacos' 12, November 13- 17, 2012, Beirut, Lebanon
- 14) On some nonlinear elliptic problems, Ecole sur les equations differentielles abstraites (EDA), March 11-14, 2013, Ouargla, Algeria
- 15) On existence and asymptotic behavior of a thermoelastic system, I^{ER} COLLOQUE NATIONALE SUR LA THEORIE des OPERATEURS et SES APPLICATIONS March 11- 13 El Oued, Algeria

- 16) General stability in viscoelastic equations: History and recent results, The Algerian-Turkish International days on Mathematics (ATIM 2013), September 12-14, 2013, İstanbul, Turkey.
- 17) Asymptotic stability of thermoelasticity type III with an infinite memory, workshop on New Methods in Partial differential equations during the period 18-20 November, 2013, KSU, Riyad, KSA
- 18) An exponential stability result of a Timoshenko system with thermoelasticity with second sound and the presence of delay, Franco-Algerian Conference on PDE's and Applications, June 16-19, 2014, Poitier, France
- 19) Asymptotic stability of thermoelasticity type III with an infinite memory, Franco-Algerian Conference on PDE's and Applications, June 16-19, 2014, Poitier, France
- 20) Suspension Bridges: A Semilinear Problem, International Conference on Advancements in Mathematical Sciences, November 5-7, 2015, Antalya, Turkey
- 21) Suspension Bridges: A Semilinear Problem, International RAMA 10, Feb. 5-11, 2016, Ouargla, Algeria
- 22) General decay in viscoelasticity: A recent development, 15th UAE Math Day, University of Sharjah, UAE, March 11, 2017
- 23) Decay for solutions of a nonlinear damped wave equation with variable-exponent nonlinearities, The third International Conference of Mathematical sciences and Statistics ICMSS2018, Feb. 6-8, 2018, Putrajaya, Malaysia
- 24) General decay in viscoelasticity: A recent development, International Conference of Mathematics and its Applications (ICMA 2018), King Khalid University, Abha, scheduled for March 26-27th, 2018.
- 25) A stability result for a nonlinear damped wave equation with variable-exponent, Local, Nonlocal problems and differential inclusions, April 24-25, 2018, Tlemcen, Algeria
- 26) A stability for a nonlinear damped wave equation with variable-exponent nonlinearities, Conference on Nonlinear Partial Differential Equations in the Applied Sciences, KAUST, Nov. 28-29, 2018

4.7 Funded Projects

Title of the project	Period	Funded by	Role
On Heat Propagation and Thermoelasticity by Second Sound	May 1, 02 – April 30, 03	KFUPM	PI
On long time behavior of some viscoelastic problems	April 1, 04 – Sept. 30, 05	KFUPM	PI
On a viscoelastic material permissive to slight deformations	Sept. 1, 05 to Aug 31, 06	SABIC	CoI
Functional Analysis: Theory and Applications (Arabic Book Translation)	Submitted	KFUPM	CoI
On some singular viscoelastic	Dec. 15, 05 to	KFUPM	PI

problems	Dec. 14, 06		
Stabilization of strongly coupled non-linear Klein-Gordon equations arising in viscoelasticity	Sept. 1, 06 to August 31, 07	SABIC	PI
Uniform stabilization of some Timoshenko-type systems	Sept. 1, 06 to August 31, 07	Fast Track	PI
General Decay in viscoelastic equations	Dec. 15, 06 Dec. 14, 07	KFUPM	PI
Uniform stabilization in systems of non classical thermoelasticity	Sept. 1, 07 Aug. 31, 08	KFUPM	PI
Critical Exponent for a Viscoelastic Problem in \mathbf{R}^N	Sept. 1, 07 Aug. 31, 08	KFUPM	PI
On the internal and boundary stabilization of some Timoshenko-type systems	March 1, 08 Feb 28, 09	Fast Track	PI
General Decay in some Timoshenko-type systems	Sept. 1, 08 Aug. 31, 09	KFUPM	PI
Stabilization in Viscoelastic Problems in \mathbf{R}^N	Sept. 1, 08 Aug. 31, 09	Fast Track	PI
General decay by mean of convexity and boundary feedback for some viscoelastic problems	March 1, 09 Feb 28, 10	SABIC	PI
General boundary stabilization in thermoelasticity	Sept. 1, 09 Feb. 28, 11	IN090014	PI
Timoshenko systems with non-equal wave-speed propagation	March 1, 2010 Aug. 31, 2011	SA100003	PI
Stabilization of wave equations by means of weak dampings	March 1, 2010 Feb. 28, 2011	SA100016	PI
Stabilization of wave equations and Timoshenko systems by viscoelastic dampings	March 1, 2011	FT101003	PI
Uniform stability in some systems of thermoelasticity with second sound	March 1, 2011	SB101008	PI
Uniform stabilization for thermoelastic systems with internal or boundary delays	January 1, 2011 to December 31, 2011	IN101002	CoI
Uniform stability in some porous thermoelastic systems	Sept. 1, 2011 Feb. 28, 2013	SB101019	PI
Stability in some systems of thermoelasticity type III with delay	March 1, 2012 August 31, 2013	FT111002	PI
Global nonexistence for some nonlinear wave systems	Jan 15, 2012- Jan 15, 2013.	IN111024	CoI
On some damped wave equations and Timoshenko systems by means of infinite history	Jan 20, 2013- July 19, 2014.	FT121007	PI
Stability in some porous thermoelastic systems with second sound	Sept. 1, 2013 Feb. 28, 2015		PI

Blow-up for some nonlinear wave systems with delay	March 1, 2014 Feb. 28, 2015		CoI
Stability in some Timoshenko, Porous, and Bresse systems via heat effect: Case of Cattaneo's law	March 1, 2015 August 31, 2016	IN141015	PI
Existence and stability for some strongly damped wave equations in the presence of strong delay	Dec. 1, 2014 May 31, 2016	FT1410103	PI
Blow up and decay estimates for a certain type of logarithmic Klein-Gordon equations	April 11, 2016 October 11, 2017	IN151006	CoI
On the general and optimal decay in some Viscoelastic problems	April 11, 2017 April 11, 2019	IN161006	PI
Finite time blow up in wave equations with nonstandard nonlinearities	April 11, 2017 April 11, 2018	FT161004	PI
On the existence, general and optimal stability of solutions for some Viscoelastic-plate problems	April 15, 2018 October 14, 2019	IN171004	PI

5. Editorial Board, Reviews and Refereeing

5.1. Editorial Board

- Palestine Journal of Mathematics (PJM)
- Mathematical Methods in the Applied Sciences (MMAS)
- Boundary value Problems (BVP)
- International Journal of Differential Equations (IJDE)
- Nonautonomous Stochastic Dynamical Systems" (NSDS)
- Arabian Journal of Math. (AJM)

5.2. Reviews

- 1) Reviewer for The American Mathematical Society since 2000
- 2) Reviewer for The Zentralblatt, 2004-2006

6. Visits / Seminars

6.1. Attending the weekly department Colloquium with one presentation, at least, each year.

6.2. Seminars outside Department

Date	Title	Location
24 / 11/ 1999	Blow up in a nonlinearly damped wave equation	The American University, Sharjah, UAE
Fall 1999	Wave-Like Heat Propagation	Physics Department KFUPM
5 / 11/ 2001	Long time behavior of solutions to a system of heat propagation with second sound	Math. Dept., Konstanz University, Germany
9 / 11/ 2001	Blow up in thermoelasticity with second	Math. Dept., Konstanz

	sound	University, Germany
Oct 5, 2003	On wave propagation	Physics Department, KFUPM
Oct 5, 2004	On Multi-variable Separable Functions	Math. Dpt., Zarka Private University, Jordan
Dec. 15, 2004	Exponential Decay for the solution of a viscoelastic equation	Math Dept., UAEU
June 30, 2005	Decay of solution energy of some viscoelastic equations of hyperbolic type	Math. Dept, Metz, France
July 4, 2005	Decay of solution energy of some viscoelastic equations of hyperbolic type	Math. Dept., University of Setif, Algeria.
June 22, 2006	General Decay of Solutions in an Abstract integro-differential Equation	Math. Dept., University of Le Havre, France
April 14, 2008	General decay in viscoelastic systems of Timoshenko type	University of Biskra, Algeria
August 21, 08	Decay of solutions in viscoelastic equations and Systems	UEM, Maringa, Brazil
July 17, 2009	A general decay result in a viscoelastic Timoshenko system	Universite de Savoie, Chambery, France
Feb. 7, 2011	General decay of solutions of thermoelasticity with second sound and viscoelastic boundary conditions	Math Dept. University El Oued, Algeria
Sept. 25, 2011	Uniform Decay in a System of thermoelasticity with second	KAUST
June 26, 2012	On the damped wave equation Existence and decay of solutions	University of Setif, Algeria
April 8, 2013	General decay in viscoelastic equations	KAUST
April 28, 2013	General stability in viscoelastic equations: History and recent results	American University at Sharjah, UAE
July 4, 2013	An exponential stability result of a Timoshenko system with Thermoelasticity with second sound and in the presence of delay	Math. Dpt., University of Valencienne, France
January 22, 2014	Asymptotic stability of Thermoelasticity type III with an infinite memory	Math Dept., University of Annaba, Algeria
Feb. 12, 2014	General stability in viscoelastic equations: History and recent results	Kuwait University
June 5, 2014	Asymptotic stability of Thermoelasticity type III with an infinite memory	Math Dept., University of Setif, Algeria
June 26, 2014	General decay in Viscoelastic equations	Math. Dpt., University of Valencienne, France
Feb. 2, 2016	Suspension Bridges: A Semilinear Problem	KAUST, KSA
Feb. 18, 2016	General decay in Viscoelastic equations	USTHB, Algiers, Algeria
June 10, 2016	General decay in viscoelasticity: A recent development	University of Metz, France
March 14, 2017	General decay in viscoelasticity: A recent development	KAUST, KSA

April 5, 2017	Blow Up in a Nonlinear Damped Wave Equation with Variable Exponents of Nonlinearity	University of Setif, Algeria
April 23, 2017	Blow Up in a Nonlinear Damped Wave Equation with Variable Exponents of Nonlinearity	NYU Abu Dhabi United Arab Emirates
July 19, 2017	General decay in viscoelasticity: A recent development	University of Rio de Janeiro, Brazil
July 28, 2017	On General decay in a memory-type Timoshenko system	University of Londrina, Brazil
Novemver 14, 2017	Decay for solutions of a nonlinear damped wave equation with variable-exponent nonlinearities	University of Dammam
March 4, 2018	Decay for solutions of a nonlinear damped wave equation with variable-exponent nonlinearities	University of Sidi Belabbes Algeria
April 26, 2018	Introduction to Lebesgue and Sobolev Spaces with variable exponents	USTHB, Algiers
June 29, 2018	Decay for solutions of a nonlinear damped wave equation with variable-exponent nonlinearities	University of Lorraine, Metz, France

6.3. Visits

University	Location	Period of visit
Math Research Center	Madison, Wisconsin	Summers 1988 & 1989
Institute of Applied & computational Math	Crete, Greece	5 weeks, Summer 98
Zarka Private University	Zarka, Jordan	Two months, Summer 2000
University of Konstanz	Konstanz, Germany	Nov. 4 – 11, 2001
University of Metz	Metz, France	June 20-July 19, 2005
UEM	Maringa, Brazil	August 18-25, 2008
University of Metz	Metz, France	July 07-August 07, 2009
KAUST	Thuwal, KSA	Sept. 24 – 27, 2011
Universite de Setif	Setif, Algeria	June 24 – 27, 2012
KAUST	Thuwal, KSA	April 7 – 9, 2013
Universite de Valenciennes	Valenciennes, France	June 27 – July 5, 2013
Universite de Setif	Setif, Algeria	June 1 – 4, 2014
Universite de Valenciennes	Valenciennes, France	June 21 – 27, 2014
Universite de Batna	Batna, Algeria	September 27 – October 1st, 2014
Universite de Jijel	Jijel, Algeria	May 31 – June 4, 2015
Universite de Batna	Batna, Algeria	June 7 – 10, 2015
KAUST	Thuwal, KSA	Jan. 31 – Feb. 4, 2016
Universite de Ouargla	Ouargla, Algeria	Feb. 14 – 18, 2016
Universite de Metz	Metz, France	June 8-19, 2016
KAUST	Thuwal, KSA	March 12-16, 2017

University of Setif	Algeria	April 2 – 6, 2017
NYU Abu Dhabi	UAE	April 22 – 23, 2017
LNCC	Petropolis, Brazil	July 10- 23, 2017
University of Londrina	Londrina, Brazil	July 24- 28, 2017
University of Lorraine	Metz, France	June 17-29, 2018