Publications

1) N. Altwaijry, T. Aldhaban, S. Chebbi and and H-K. Xu, The viscosity approximation method for accretive operators in Banach spaces, Journal of Nonlinear and Variational Analysis, Vol. 6, No 1, 37-50, 2022.

2) N. Altwaijry, T. Aldhaban, S. Chebbi and and H-K. Xu, Krasnoselskii-Mann Viscosity Approximation Method for Nonexpansive Mappings, Mathematics, Vol. 8 No. 7, 2020.

3) H-K. Xu, N. Altwaijry and S. Chebbi, Strong Convergence of Mann's Iteration Process in Banach Spaces, Mathematics, Vol. 8 No. 8, 2020.

4) H-K. Xu, N. Altwaijry and S. Chebbi, Xu, An iterative regularization method for variational inequalities in Hilbert spaces, Carpathian Journal of Mathematics, Vol. 36 No. 3, 475-482, 2020.

5) S. Baraket, S. Chebbi and N. Chorfi, Construction of singular limits for a strongly perturbed four-dimensional Navier problem with exponentially dominated nonlinearity and nonlinear terms, Boundary Value Problems, Vol. 2019 No. 1, 2019.

6) S. Ounaies, J-M. Bonnisseau and S. Chebbi, Equilibrium of a production economy with unbounded attainable allocation sets, accepted in Advances in Nonlinear Analysis, Vol 8 No 1, 2019.

7) N. Altwaijry, S. Ounaies and S. Chebbi, generalized convexity and applications to fixed points theorems and equilibria, Journal of Fixed Point Theory and Applications, Vol. 20 No. 1, 2018.

8) N. Altwaijry, S. Chebbi, H. Hammami and P. Gourdel, Borsuk's antipodal fixed-point theorems for compact or condensing set-valued maps, Advances in Nonlinear Analysis, Vol. 7 No. 3, 307-311, 2018.

9) S. Chebbi, N. Altwaijry and and H-K. Xu, A strongly convergent modifications of the proximal point algorithm in nonsmooth Banach space, Fixed Point Theory, Vol. 19 No. 1, 107-122, 2018.

10) H. Hammami, S. Chebbi and H-K. Xu, The implicit convex rule for nonexpansive mappings, Journal of Nonlinear and Convex Analysis, Vol. 17 No. 7, 1429-1437, 2016.

11) S. Ounaies, J-M. Bonnisseau, S. Chebbi and H.M. Soner, Merton Problem for a Discrete Market in an Infinite Horizon and with Frictions, Journal of Industrial Management and Optimization, Vol. 12 No. 4, 1-9, 2016.

12) N. Altwaijry, S. Chebbi and and H-K. Xu, Properties and splitting method for the p-elastic net, Pacific Journal of Optimization, Vol. 12 No. 4, 801-811, 2016.

13) N. Altwaijry, S. Chebbi and and H-K. Xu, Ergodic convergence of the double backward method for monotone operators, Journal of Nonlinear and Convex Analysis, Vol. 16 No. 7, 1195-1204, 2015.

14) Y-H. Wang, S. Chebbi and H-K. Xu.; Weak convergence of iterative methods for two accretive operators in Banach spaces, Journal of Nonlinear and Convex Analysis, Vol. 16 No. 10, 1937-1947, 2015.

15) S. Chebbi and B. Samet, Noncompact Equilibrium Points for Set-Valued Maps, Abstarct and Applied Analysis, Art Number: 959612, 2014.

16) Z. Al-Rumaih, S. Chebbi and H.K. Xu, A Halpern-Lions-Reich-like iterative method for nonexpansive mappings, Journal of Fixed-Point Theory, Vol. 14 No. 2, 2013.12.

17) S. Chebbi and H.M. Soner, Merton problem in a discrete market with frictions, Nonlinear Analysis, Real World Applications, Vol 14, 179-187, 2013.

18) Y. Yao, T. Kim, S. Chebbi and H.K. Xu, A modified extragradient method for the split feasibility and fixed points problems, Journal of Nonlinear and Convex Analysis, Vol. 13 No. 3, 383-396. 2012.

19) Z. Al-Remih, S. Chebbi and H.K. Xu, Non-compact equilibrium point and applications, Journal of Applied Mathematics, V 2012, 1-9, 2012.

20) S. Chebbi, P. Gourdel and H. Hammami, A Generalization of Fan's matching theorem, Journal of Fixed-Point Theory and Applications, Vol. 9 No. 1, 117-124, 2011.

21) JM. Bonnisseau, S.Chebbi, P. Gourdel and H. Hammami, Borsuk's antipodal theorem for approachable correspondences, Non Linear Analysis: Theory, Methods & Applications, Vol. 73 No.11, 3502-3506, 2010.

22) S. Chebbi, Some non-compact quasi-variational inequalities, NonLinear Analysis: Theory, Methods & Applications (ISI), Vol. 71 No.12, 1684-1687, 2009.

23) S. Chebbi, Existence of Pareto equilibria for non-compact multi-criteria games, Journal of Applied Analysis, Vol. 14 No. 2, 219-226, 2008.

24) S. Chebbi, Minimax inequalities and equilibria with a generalized coercivity, Journal of Applied Analysis, Vol.12, 117-125, 2006.

25) H. Ben-El-Mechaiekh, S. Chebbi and M. Florenzano, A Generalized KKMF Principle and Applications, Journal of Mathematical Analysis and Applications, Vol. 309, 583-590, 2005.

26) S. Chebbi, Intersection, fixed points and minimax inequalities with a generalized coercivity in H-spaces, Arab Journal of Mathematical Sciences, 1- 9, 2005.

27) S. Chebbi and M. Florenzano, Maximal element and Equilibria for condensing correspondences, Journal of Non Linear Analysis: Theory, Methods & Applications, Vol.38, 995-1002, 1999.

28) H. Ben-El-Mechaiekh, S. Chebbi and M. Florenzano, A non linear alternative for approximable maps, Proceedings of the American Mathematical Society, Vol. 126, 2345-2349, 1998.

29) H. Ben-El-Mechaiekh, S. Chebbi, M. Florenzano and J.V. Llinares, Abstract convexity and fixed points, with Hichem Ben-El-Mechaiekh, M. Florenzano, Journal of Mathematical Analysis and Applications, Vol. 222, 138-150, 1998.

30) S. Chebbi, Fixed point, maximal element and equilibria in generalized convex spaces, "Cahiers Eco&Maths de l'Université de Paris 1", (France), 1997.

Citations:

About 180 Citations in ISI Web of Knowledge.

Editorial Activities:

Since 2019:   Associate Editor of Boundary Value Problems, Springer.

Since 2020:   Associate Editor of Arab Journal of Mathematical Science, Emerald.

2015-2018:   Associated Editor of "Journal of King Saud University (Science), Elsevier,

Referee:

Journal of Mathematical Analysis and Applications.

Non Linear Analysis: Theory, Methods & Applications.

 Journal of Fixed Point Theory.

Journal of Fixed Point Theory and Applications.

Journal of Applied Mathematics.

Advances in Nonlinear Analysis

Research Invitations:

2019:   University of Paris 1 Panthéon-Sorbonne, France.

2017:   University of Paris 1 Panthéon-Sorbonne, France.

2015:   University of Paris 1 Panthéon-Sorbonne, France.

2011:   National Sun Yat-sen University, Taiwan.

2010:   Swiss Federal Institute of technology, ETH Zurich, Swiss.

2008:   University of Paris 1 Panthéon-Sorbonne", France.

2006:   University of Paris 1 Panthéon-Sorbonne", France.

2005:   University of Antananarivo, Madagascar.

2001:   American University of Sharjah, U.A.E.

2000:   University of Paris 1 Panthéon-Sorbonne", France.

1999:   University of Paris 1 Panthéon-Sorbonne", France

1996:   Brock University, St Catherine, Canada.

Research Grants

- Iterative methods for nonlinear analysis and applications, NPST research program, with M. Bounkhel, H.K. Xu, J. Sun and R.T. Rockafellar, 2011-2013.

- Nonlinear Analysis Methods and their Applications to Economics and Finance, NPST research program with N. Altwaijri, J-M. Bonnisseau, P. Gourdel and M. Soner. 2012-2014.

- Splitting methods for monotone operators", NPST research program, with N. Altwaijri and H.K. Xu, 2012-2014.

- Degenerate and Singular Phenomena in Nonlinear Analysis with Applications to Physics and Financial Mathematics", with S. Baraket, N. Chorfi and Vicenţiu Rădulescu, 2014-2016.

Oral Presentations in International Conferences:

1. Merton Problem in an Infinite Horizon and Discrete Time with Frictions, Collaborative Conference on Financial Mathematics, February 25 -Marsh 1, Las Vegas, USA, 2019.

2. Borsuk's antipodal fixed-point theorem for condensing approachable set-valued maps, 11th International Conference on Fixed Point Theory and its Applications, Istanbul, July 2015.

3. Merton problem in a discrete market with frictions, XXIII European Workshop on General Equilibrium Theory (EWGET 2014), Paris, June 2014.

4. Equilibrium problems for set-valued maps in non-compact domains, The Fourth Asian Conference on Nonlinear Analysis and Optimization, Taipei, August 2014.

5. Non-compact Equilibrium Points and Application, International Conference on Mathematical Sciences and Statistics, Malaysia, February 2013.

6. Borsuk's antipodal theorem for approachable set-valued maps, Conference on fixed point theory and applications, Shanghai, June 2010.

7. Fixed points for Set-Valued maps defined in generalized convex spaces and Applications, Fixed Point theory and Applications Day, King Fahd University of Petroleum and Minerals KFUPM, KSA, November 2008.

8. Fixed Points for Non-Compact Set-Valued Maps and Applications, World Congress of Nonlinear Analysis WCNA2008, Orlando, USA, July 2008.

Organization of Conferences

- Chairman of the Organizing Committee and Member of the Scientific Committee of "The International Conference on Equilibrium and Optimization Methodology in Finance and Economics (ICEOMFE 2015)", KSU, Saudi Arabia, November 9-11, 2015.

- Chairman of the Organizing Committee and Member of the Scientific Committee of the "3rd Conference on Mathematical Sciences and Applications", Riyadh, Saudi Arabia, 2016.

- Chairman of the Organizing Committee and Member of the Scientific Committee of the "4th Conference on Mathematical Sciences and Applications", Riyadh, Saudi Arabia, April 11-12, 2018.

- Chairman of the Organizing Committee and Member of the Scientific Committee of the "5th Conference on Mathematical Sciences and Applications", KAUST, Saudi Arabia, November, 2021.

Organization of Workshops

- Chairman of the Organizing Committee of the Workshop "Actuarial and Financial Mathematics: Towards a professional and knowledge partnership", organized in collaboration with The Saudi Central Bank SAMA and participations of Insurance and Financial Institutions in Saudi Arabia, February 7, 2017.
- Chairman of the Organizing Committee of the Workshop "The 1st Meeting of Mathematics Departments Heads in Saudi Universities", King Abdullah University for Science and Technologies KAUST, April 11, 2019.

Supervision of Ph. D. Thesis:

- Cynda Ounaies, University of Paris 1-Panthéon-Sorbonne and College of Science of Tunis, Co-supervisor with Prof. Jean-Marc Bonnisseau, 2015-2018.
- Hakim Hammami, "Ecole Polytechnique de Tunisie''- University Paris 1 Sorbonne, Co-supervisor with Prof. Jean-Marc Bonnisseau and Prof Pascal Gourdel, 2005-2008.
- Zahra AL-Rumih, King Saud University, 2009-2013.

Supervision of M.Sc. Thesis:

- Salma Zamel, Hail University, Kingdom of Saudi Arabia 2011.
- Lynda Farza, ENIT, Tunisia, 1999.

University and Community services:

- **Since 2015:** Coordinator and Academic Advisor of the Program of Actuarial and Financial Mathematics, Department of Mathematics, King Saud University.
- **Since 2019:** Member of the Training Unit at the College of Science at King Saud University.

- **2020:** Member of the "Committee of Creation a new Executive Master Degree in Actuarial in Risk Analysis.

- **2021:** Member of the "Creation Committee of Chair of Actuarial and Financial Mathematics.

- **2008-2014:** Member of the Scientific Committee of the Program "National Plan for Sciences and Technology at the King Dom of Saudi Arabia" NPSTI

- **2010-2012:** Director of the "Strategic Studies Unit", King Saud University.

- **2009-2011:** Member of the Consultant committee of the Vice Rector of Graduate studies and Research.

- **1997-2000:** Participation in many committees of creation of new bachelor and graduate programs in Tunisia.