

# PUBLICATIONS

Hamidreza Rahimi

## **A) JOURNAL PAPERS**

- **Amenability and Contractibility Modulo an Ideal of Banach Algebras**  
*Journal:* Abstract and Applied Analysis.,2014.  
*Authors* Hamidreza Rahimi, Elham Tahmasebi
  
- **Generalized frames for operators in Hilbert spaces**  
*Journal:* Infinite Dimensional Analysis, Quantum Probability and Related Topics 17 (02),  
2014  
*Authors* Mohammadsadegh Asgari, H Rahimi
  
- **Common Fixed-Point Theorems and c-distance in Ordered Cone Metric Spaces**  
*Journal:* Ukrainian Mathematical Journal 65 (12), 1845-1861, 2014  
*Authors* Hamidreza Rahimi, G Soleimani Rad
  
- **Fixed point theorems under c-distance in ordered cone metric space.**  
*Journal:* International Journal of Industrial Mathematics 6 (2), 97-105, 2014  
*Authors* Hamidreza Rahimi, Ghasem Soleimani Rad.
  
- **Common tripled fixed point results in cone metric type spaces**  
*Journal:* Rendiconti del Circolo Matematico di Palermo, 1-14, 2014  
*Authors* Ghasem Soleimani Rad, H. Aydi, P. Kumam, H. Rahimi
  
- **Generalized frames for operators in Hilbert spaces**  
*Journal:* Infinite Dimensional Analysis, Quantum Probability and Related Topics 17 (2),2014  
*Authors* Hamidreza Rahimi, M. S. Asgari
  
- **Ideal extension of semigroups and their compactifications**  
*Journal:* Mathematical Sciences, 2014  
*Authors* Hamidreza Rahimi
  
- **The generalized cubic functional equation and the stability of cubic Jordan\*-derivations**  
*Journal:* Annali Dell'universita'di Ferrara 59 (2), 235-250, 2013  
*Authors* A Bodaghi, SM Moosavi, Hamidreza Rahimi

- **Coupled common fixed point theorems under weak contractions in cone metric type spaces.**  
*Journal:* Thai Journal of Mathematics. 12(1),1-14 ,2013.  
*Authors* Hamidreza Rahimi, Poom Kumam , Ghasem Soleimani Rad.
  
- **The Existence of Fixed and Periodic point theorems in cone metric type spaces**  
*Journal:* 2013  
*Authors* Hamidreza Rahimi, Ghasem Soleimani Rad, P. Kumam
  
- **Some common fixed point results for weakly compatible mappings in cone metric type space.**  
*Journal:* Miskolc Mathematical Notes, 14(1) ,2013.  
*Authors* Hamidreza Rahimi, Pasquale Vetro, and Ghasem Soleimani Rad.
  
- **Note on “Common fixed point results for noncommuting mappings without continuity in cone metric spaces.**  
*Journal:* Thai Journal of Mathematics. 11(3), 589-599, 2013.  
*Authors:* Hamidreza Rahimi, Ghasem Soleimani Rad.
  
- **Fixed Point Theory in Various Spaces, Comparison between various contractions**  
*Journal:* Lap Lambert Academic Publishing, 2013.  
*Authors:* Hamidreza Rahimi, Ghasem Soleimani Rad.
  
- **Quadrupled fixed point results in abstract metric spaces**  
*Journal:*Computational and Applied Mathematics, 1-15, 2013.  
*Authors* Hamidreza Rahimi, Stojan Radenovic, Ghasem Soleimani Rad, Poom Kumam
  
- **Fixed and periodic point theorems for T-contractions on cone metric.**  
*Journal :* Filomat journal, 27(5) , 881-888, 2013.  
*Authors:* Hamidreza Rahimi, BE. Rhades, S. Radenovic', SG. Rad
  
- **On the Generality orthogonal Projections and e-Projections in Banach algebra.**  
*Journal:* Advances in Pure Mathematics, 2, 318-322, 2012  
*Authors:* Hamidreza Rahimi, M.S. Asgari and S. Karimizad.
  
- **Function Spaces of Rees matrix Semigroups.**  
*Journal:* Bulletin of the Iranian Mathematical Society 38(1), 2012  
*Authors:* Hamidreza Rahimi.
  
- **New fixed and periodic point results on cone metric spaces.**  
*Journal:* Journal of Linear and Topological Algebra 1(1), 33-40, 2012  
*Authors* Hamidreza Rahimi, Ghasem Soleimani Rad

- **Function Spaces of Topological Inverse Semigroups.**  
*Journal: J. Basic. Appl. Sci. Res.*, 2(10)10652-10655, 2012  
*Authors: Hamidreza Rahimi, M. Asgari.*
  
- **Some fixed point results in metric type space.**  
*Journal: J. Basic. Appl. Sci. Res.*, 2(9)9301-9308, 2012.  
*Authors: Hamidreza Rahimi, Ghasem Soleimani Rad.*
  
- **Function Spaces on Tensor Product of Semigroups.**  
*Journal: Iranian Journal of Science & Technology*, 38(1) 223-228. 2012.  
*Authors: Hamidreza Rahimi.*
  
- **Uniqueness and Existence of Solutions of the Periodic First-Order Fuzzy Differential Equation with Boundary Value Using Fixed Point Theorems.**  
*Journal: Australian Journal of Basic and Applied Sciences*, 6(6): 398-409, 2012.  
*Authors: Hamidreza Rahimi and S. Khezerloo, M. Khezerloo.*
  
- **Approximating the Fuzzy Solution of the Non-linear Fuzzy Volterra Integro-differential Equation Using Fixed Point Theorems.**  
*Journal: Int. Journal. Ind. Math*, Vol. 3, No. 3, 227-236, 2011.  
*Authors: Hamidreza Rahimi and S. Khezerloo, M. Khezerloo.*
  
- **Biprojectivity and weak amenability of Banach algebras.**  
*Journal: Contemporary of Mathematics. American Math Soc*, 2011.  
*Authors: Hamidreza Rahimi, M. Ghahramani and S. Moayeri.*
  
- **Convergence of the Fuzzy Sequence of Successive Approximations to a Fixed Point.**  
*Journal: Iranian Journal Of optimazation. Accepted* , 2011.  
*Authors: Hamidreza Rahimi and S. Khezerloo, M. Khezerloo.*
  
- **A Note On Modular Hyperconvex space.**  
*Journal: Int. Journal. Ind. Math*, Vol. 2, No.4, 271-278, 2010.  
*Authors: Hamidr. Rahimi, Sadeghi lemraski ,M. S. Asgari.*
  
- **Comment on" Frames of subspaces.**  
*Journal: Int. Journal, Ind, Math*, Vol. 2, No.1, 43-46, 2010.  
*Authors: Hamidreza. Rahimi and H. Yousefinejad.*
  
- **Some Results on Modular Hyperconvex Spaces.**  
*Journal: Int. J. I, Math. Vol 1, No 4, 315-320, 2009.*  
*Authors: Hamidreza Rahimi and M. Firooznasab.*
  
- **L1-Space on Tensor Product of Semigroups.**  
*Journal: Proceedings of the 18th Seminar on Mathematical Analysis and Its Applications, Tehran, Iran, pp 228-231, 2009.*  
*Authors: Hamidreza. Rahimi.*

- **Compactification of Completely 0-Simple Semigroup.**  
*Journal:* Proceedings of the 38th Annual Iranian Mathematics Conference, Zanjan, Iran, 2007.  
*Authors:* Hamidreza. Rahimi and Gholam H. Esslamzadeh.
  
- **Compactification of Topological Tensor Products of Topological Semigroups.**  
*Journal:* Proceedings of the 36th Annual Iranian Mathematics Conference, Yazd, Iran, 2005.  
*Authors:* Hamidreza. Rahimi and A. R. Medghalchi.
  
- **Topological Tensor Product and Extension Groups.**  
*Journal:* Proceedings of International Congress of Mathematicians of European Mathematical Society, Madrid, Spain, 2005.  
*Authors:* Hamidreza. Rahimi.
  
- **Generalized Topological Tensor Product of Topological Semigroups and Their Ideal Structures.**  
*Journal:* Proceedings of the 15th Seminar of Mathematical Analysis and Its Applications, 2005.  
*Authors:* Hamidreza. Rahimi.
  
- **Topological Tensor Products of Topological Semigroups and Their Compactifications.**  
*Journal:* Scientiae Mathematicae Japonicae, Vol. 62, No. 1, pp 57-64, 2005.  
*Authors:* Hamidreza. Rahimi, and A. R. Medghalchi.
  
- **The Ideal Structure on the Topological Tensor Product of Topological Semigroups.**  
*Journal:* Int, Journal, App, Math, Vol.15, No. 2, pp 165-178, 2004.  
*Authors:* Hamidreza. Rahimi, and A. R. Medghalchi.

## **B) CONFERENCES**

- **Compactification of topological extension of topological semigroups and their applications.**  
**Conference:** 1st Seminar on Harmonic Analysis and Applications, Organized by the Iranian Mathematical Society, January 23–24, 2013, Isfahan University of Technology, Iran  
**Authors:** Hamidreza. Rahimi.
  
- **Compactification of Topological Inverse Semigroups.**  
**Conference:** 27th Annual Summer Topology and its Applications

Minnesota State University Mankato, Minnesota, USA. 2012,  
(Speech).

*Authors:* Hamidreza. Rahimi.

➤ **EXTENSION OF SEMIGROUPS AND THEIR COMPACTIFICATIONS.**

*Conference:* 26th Summer Conference on Topology and Its Applications  
The City College of CUNY, New York, NY, USA.2011  
(Speech).

*Authors:* Hamid reza Rahimi.

➤ **Biprojectivity and weak amenability of Banach algebras.**

*Conference:* The Sixth Conference on Function Spaces , Illinois .USA, 2010.  
(Speech).

*Authors:* Hamid reza Rahimi , M. Ghahramani and S. Moayeri.

➤ **Compactification of Completely 0-Simple Semigroup.**

*Conference:* 38th Annual Iranian Mathematics Conference, Zanjan, Iran, 2007.  
(Speech).

*Authors:* Hamidreza Rahimi and Gholam H. Esslamzadeh.

➤ **Compactification of Topological Tensor Products of Topological Semigroups.**

*Conference:* 36th Annual Iranian Mathematics Conference, Yazd, Iran, 2005.  
(Speech).

*Authors:* Hamidreza Rahimi and A. R. Medghalchi.

➤ **Generalized Topological Tensor Product and Extension Groups,**

*Conference:* 37th Annual Iranian Mathematics Conference, Tabriz, Iran, 2006.  
(Speech).

*Authors:* , Hamidreza Rahimi.

➤ **Generalized Topological Tensor Product of Topological Semigroups and Their Ideal Structures.**

*Conference:* 15th Seminar of Mathematical Analysis and Its Applications, 2005.  
(Speech).

*Authors:* Hamidreza Rahimi.

➤ **L1-Space on Tensor Product of Semigroups.**

*Conference:* 18th Seminar on Mathematical Analysis and Its Applications, Tehran, Iran,2007. (Speech).

*Authors:* ,” Hamidreza Rahimi.

➤ **Topological Tensor Product and Extension Groups.**

*Conference:* International Congress of Mathematicians of European Mathematical Society, Madrid, Spain, 2006, (Speech).

*Authors:* Hamidreza Rahimi.

## **C) BOOKS**

➤ **Differential and Integral Calculus.**

*Publisher:* Kharazmi Press, 2001, (in Farsi).

*Authors:* ,” Hamidreza. Rahimi.

➤ **Introduction to Mathematical Analysis.**

*Publisher:* Islamic Azad University Publications, 2003, (in Farsi).

*Authors:* Hamidreza. Rahimi.

➤ **Tensor Product on Semigroups, Ideals, Function Spaces and Their Applications.**

*Publisher:* Lap Lambert Academic Publishing. 2012, ( in English).

*Authors:* Hamidreza Rahimi

➤ **Fixed Point Theory in Various Spaces, Comparison between various contractions**

*Publisher:* Lap Lambert Academic Publishing. 2013, ( in English).

*Authors:* Hamidreza Rahimi and Ghasem Soleimani Rad.