

C. V.

Name: Mohamed Abdel-Rahman Ahmed (M. A. Ahmed)

Scientific Degree: Professor of Functional Analysis
(Fixed Point Theory)

Affiliation: Department, Faculty of Science, Assiut
University, Assiut 1516, EGYPT

Scientific Title: Pure Mathematics, Functional Analysis
(Fixed Point Theory)

The courses that studied by us in EGYPT and SAUDIA
(King Saud University):

Functional Analysis, Real Analysis, Complex
Analysis, Fixed Point Theory, Calculus, Precalculus,
Linear Algebra, Algebra, Differential Geometry,
Analytic Geometry, Abstract Algebra, Special Functions,
Mathematics for Science, Measure Theory,
Transformations Geometry, Statistics.

Scientific Research:

- (1) Fixed point theory for single-valued functions,
- (2) Fixed point theory for multi-valued functions,
- (3) Convergence of certain iterations to fixed point
for certain mappings,

in metric, 2-metric, quasi-metric, dislocated quasi-metric,
Banach, Hilbert and fuzzy metric spaces.

Another Scientific Interested:

Refereed some papers for mathematical journals such as:

Fixed Point Theory and Applications,
Acta Mathematica Sinica,
Acta Mathematica Universitatis Comenianae,
Bulletin of Iranian Mathematical Society,
Rivista di Matematica della Universita di Parma ,

My Master Thesis entitled:

" A study of fixed points for multivalued mappings in complete metric spaces, Assiut University, 1994"

My Ph. D. Thesis entitled:

" A study of fixed points for single-valued and multivalued mappings, Assiut University, 1999"

List of Publications

Mohamed Abdel-Rahman Ahmed Hassan (M. A. Ahmed)
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[Hybrid fixed point theorems in symmetric spaces via common limit range property](#)

M Imdad, S Chauhan, AH Soliman, MA Ahmed
Demonstratio Mathematica 47 (4), 949-962

[Hybrid fixed point theorems in symmetric spaces via common limit range property](#)

M Imdad, S Chauhan, AH Soliman, MA Ahmed
Demonstratio Mathematica 47 (4), 949-962

- [1] **Ismat Beg and M. A. Ahmed**, Common fixed point for generalized fuzzy contraction mappings satisfying an implicit relation, *Accepted for Publication in Applied Mathematics Letters* (2012).

- [2] **M. A. Ahmed**, A note on the paper " Common fixed points in cone metric spaces, *Journal of Advanced Studies in Topology*, Vol. 4, No. 1 (2013), 80-82.
- [3] **M. A. Ahmed**, A note on the paper " Generalized ϕ -contraction for a pair of mappings on cone metric spaces, *Advances in Pure Mathematics*, Vol. 2 (2012), 6-7.
- [4] **M. A. Ahmed** , **F. M. Zeyada** and **G. F. Hassan**, Fixed point theorems of Hegedus contraction mappings in some types of distance spaces, *International Journal of Modern Nonlinear Theory and Application*, Vol. 1 (2012), 93-96.
- [5] **M. A. Ahmed** and **F. M. Zeyada**, Generalization of some results to quasi-metric spaces and its applications, Bulletin of International Mathematical Virtual Institute, Vol. 2 (2012), 101-107.
- [6] **M. A. Ahmed**, Some fixed point theorems for multivalued mappings in dislocated quasi-metric spaces, *Demonstratio Mathematica*, Vol. XLV, No. 1 (2012), 155-160.
- [7] **M. Imdad** and **M. A. Ahmed**, Some common fixed point theorems for hybrid pairs of maps without the completeness assumption, *Mathematica Slovaca*, Vol. 62, No. 2 (2012), 1-14 .
- [8] **M. A. Ahmed**, Some fixed point theorems, *International Journal of Geometric Methods in Modern Physics* 8, No. 1 (2011) 1-8.
- [9] **M. A. Ahmed**, Common fixed points of hybrid maps and an application, *Computers and Mathematics with Applications* 60 (2010) 1889-1894.
- [10] **Abdul Rahim Khan** and **M. A. Ahmed**, Convergence of A general iterative scheme for a finite family of

asymptotically quasi-nonexpansive mappings in convex metric spaces and applications, *Computers and Mathematics with Applications* 60 (2010) 1888-1894.

- [11] **M. A. Ahmed** and **F. M. Zeyada**, Some convergence theorems of sequence in complete metric spaces and its applications, *Fixed Point Theory and Applications*, Vol (2010), 10 pages.
- [12] **M. A. Ahmed**, A common fixed point theorem for expansive mappings in 2-metric spaces, *Chaos, Solitons and Fractals* 42 (2009) 2914-2920.
- [13] **M. A. Ahmed**, Some common fixed point theorems for weakly compatible mappings in metric spaces, *Fixed Point Theory and Applications* (2009).
- [14] **M. A. Ahmed**, Some common fixed point theorems for a Class of fuzzy contractive mappings, *Miskolc Mathematical Notes*, Volume 8, No 2, (2007), 109-115.
- [15] **M. A. Ahmed**, A convergence theorem of a sequence of a new iterate to fixed points for any mapping and its applications, *Proc. Math. Phys. Soc. Egypt*, Vol. 85, No. 1 (2007), 61-67.
- [16] **F. M. Zeyada**, **G. F. Hassan** and **M. A. Ahmed**, A generalization of a fixed point theorem due to Hitzler and Seda in dislocated quasi-metric spaces, *The Arabian Journal of Science and Engineering*, Volume 31, Number 1A (2006), 111-114.
- [17] **M. A. Ahmed**, A characterization of the convergence of Picard iteration to a fixed point for a continuous mapping and an application, *Applied Mathematics and Computation*, Volume 169 (2005), 1298-1304.
- [18] **M. A. Ahmed**, Common fixed points for four mappings

under a contactive condition of Kiventides type, *Proc. Math. Phys. Soc. Egypt, Vol. 83 (2005), 83-93.*

- [19] **M. A. Ahmed**, Common fixed point theorems under contractive conditions of Skof type, *Pure Mathematics and Applications*, Volume 15, Number 1 (2004), 17-27.
- [20] **M. A. Ahmed**, Common fixed point theorems for weakly compatible mappings, *Rocky Mountain J. Math.*, Vol. 33, No. 4 (2003), 1189-1203.
- [21] **M. A. Ahmed**, Common fixed point theorems for set-valued and single-valued mappings, *Demonstratio Math.*, Vol. 36, No. 2 (2003), 471-481.
- [22] **M. A. Ahmed and F. M. Zeyada**, On convergence of a sequence in complete metric spaces and its applications to some iterates of quasi-nonexpansive mappings, *J. Math. Anal. Appl.*, Vol. 274 (2002), 458-465.
- [23] **N. H. Abdel All, M. A. Ahmed and A. H. Soliman**, On nonexpansive mapping, Conference in Azhar University (2002).
- [24] **R. A. Rashwan and M. A. Ahmed**, Common fixed point theorems for fuzzy mappings, *Archivum. Math. (Brno)*, Vol. 38, No. 3 (2002), 219-226.
- [25] **R. A. Rashwan and M. A. Ahmed**, Common fixed points of Gregus type multi-valued mappings, *Archivum. Math. (Brno)*, Vol. 38, No. 1 (2002), 37-47.
- [26] **M. A. Ahmed and B. E. Rhoades**, Some common fixed point theorems for compatible mappings, *Indian J. Pure Appl. Math.*, Vol. 32, No. 8 (2001), 1247-1254.
- [27] **R. A. Rashwan and M. A. Ahmed**, Common fixed points

for weakly δ -compatible mappings, *Italian J. Pure Appl. Math.*, Vol. 8 (2000), 33-44.

- [28] **R. A. Rashwan and M. A. Ahmed**, Common fixed points for generalized contractive mapping in convex metric spaces, *Journal of Qufu Normal University*, Vol. 24, No. 3 (1998), 15-21.
- [29] **R. A. Rashwan and M. A. Ahmed**, Fixed points of single-valued and set-valued mappings, *Kyungpook Math. J.*, Vol. 38, No.1(1998), 29-37.
- [30] **R. A. Rashwan and M. A. Ahmed**, Coincidence points of compatible multivalued mappings, *Southwest J. Pure Appl. Math.*, Vol. 2 (1997), 20-28.
- [31] **R. A. Rashwan and M. A. Ahmed**, Common fixed points for δ -compatible mappings, *Southwest J. Pure Appl. Math.*, Vol. 1 (1996), 51-61.
- [32] **R. A. Rashwan and M. A. Ahmed**, Common fixed point theorems for a generalized contractive mapping, *Studia University Babes-Bolyai Math.*, Vol. 41, No. 1 (1996),93-107.
- [33] **R. A. Rashwan and M. A. Ahmed**, Extensions of some fixed point theorems of Dhage, *Proc. Pakistan Academy of Sci.* Vol. 33, No. 1-2 (1996), 49-51.
- [34] **R. A. Rashwan and M. A. Ahmed**, Fixed points for ϕ -contractive type multivalued mappings, *J. Indian Acad. Math.*, Vol. 17 (1995), 194-202.