# C.V.

## Personal Information

**name: Al-saedi Mohammad**
**e-mail: alsaedi@uomustansiriyah.edu.iq**

## Language Skills

**arabic language & iraqi language (native),English language,French language**

## Education

**Bachelor of Science in Mathematics 1997 (Four years);**
**Project title:"Fermat last Theorem"/Dpt.of mathematics/College of Science/University of Baghdad.**

**Master of Sciences in Mathematics 2000 (two years M1 & M2);**
**Master thesis title:"completion of operator matrices"/**
**Advisor:Prof.Dr.A.G.Naoum;Dpt. of mathematics/College of Science/ University of Baghdad.**
**Ph D. in Computer Science 2016**
**Thesis title: "Extensions of Tractable Classes for Propositional Satisfiability "/Advisors: Prof.E.Grégoire,Prof.B.Mazure,Prof. L. Sais,Centre de Recherche en Informatique de Lens (CRIL UMR 8188) - CNRS & University of Artois.**

## Work Experience

### 1)The Teaching

**Lecturer of Mathematics 2000- April 2002.**
**University of Baghdad, Iraq/Education College(Ebn-al-haithm)/ Mathematics debt**
**Teaching courses : Calculus / Geometry.**
**Lecturer of Mathematics April 2002- 2004.**
**Mergib (Nassar) University, Libya/ Science College/ Mathematics dept.**
**Teaching courses : Calculus / Geometry/ Functional analysis / real analysis /**
**complex analysis / abstract algebra(groups and rings) / principles of mathematics /**
**ordinary differential equations/ linear algebra.**
**Lecturer of Mathematics 2005- 2017**
**Al-Mustansiriya University/ Science College/ Mathematics dept**
**Teaching courses : Calculus / ordinary differential equations/ linear algebra/ real**
**analysis / complex analysis.**

### 2) The Management and administrative

**Management and administrative experience (Head of department-administrator) 2 years.**

## Research Interest

**Set Theory, alternative set theories, first-order logic ,second-order logic, Turing machines, Recursion theory ,Model theory, decidable and undecidable theories,**
**decision problem, reverence logic, probability theory,**
**statistics,stochastic ,**
**paraconsistent logic, consistency proofs,complexity theory,SAT problem.**

## Published Papers

**1-"The inverse of operator matrix A where A≥I", Baghdad for science journal.2010.**
**2-"The inverse of operator matrix", Journal of the College of education, 2009.**
**3-"Range equality of two operators on Hilbert space" Journal of the College of**
**education,2010**
**4-Mohammad Al-Saedi, Éric Grégoire, Bertrand Mazure, Lakhdar Saïs:About Some UP-Based Polynomial Fragments of SAT.ISAIM 2014.**
**5-Balasim Al-Saedi, Éric Grégoire, Bertrand Mazure, Lakhdar Sais « Extensions**
**and Variants of Dalal's Quad Polynomial Fragments of SAT ».ICTAI 2014:**
**446-452 ,2014.**
**6-Mohammad Al-Saedi Olivier Fourdrinoy, Éric Grégoire, Bertrand Mazure,Lakhdar Saïs,About some UP-based polynomial fragments of SAT, EEE-ICTAI 2015,405-412,2015.**
**7-Balasim Al-Saedi, Olivier Fourdrinoy, Éric Grégoire, Bertrand Mazure, Lakhdar**
**Saïs:About some UP-based polynomial fragments of SAT. Ann. Math. Artif. Intell.**
**79(1-3): 25-44 2017.**

## Conference Talks

**1) The 1st Scientific Conference, Computer and Mathematics College, Al-Qadisih**
**University,27-28/8/2008**
**2)The first Iraqi-French mathematics conference in cooperation with college of**
**science,Salahaddin university, Erbil ,Kurdistan region November, 14-18,2009**
**3) The 16th Scientific Conference, college of education, Al-Mustansiriyah**
**University,27-28/5/2009**
**4) The 2nd Scientific Conference, Computer and Mathematics College,**

**Al-Qadisih**
**University,16-18/3/2010**
**5)International Symposium on Artificial Intelligence and Mathematics (ISAIM'14),**
**Fort Lauderdale USA 6-8 january 2014**
**6)The 26th IEEE International Conference on Tools with Artificial Intelligence**
**(ICTAI 2014) Limassol, Cyprus,November 10-12, 2014**