

Curriculum Vitae

Dr. Sameer Qasim Hasan

Mustansiriyah University – College of -Education-----

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PERSONAL SUMMARY:

Assist. prof. Dr. sameer Qasim Hasan

Born: 1970

General Specialization: Mathematics and applied computer

Specialization: Control theory

Interests: Applied Mathematical . numerical analysis , ordinary and partial differential equations , Nonlinear functional analysis, optimization , Ring theory

EDUCATION:

- Ph.D. from university of tagalong :
- M.Sc. from university of Baghdad:
- B.Sc. from university of Baghdad:

ACADEMIC /TEACHING EXPERIENCE:

- Scientific Experience for theses.
- Experience of international and national journal
- Experience of Plagiarism programming
- Experience of system analysis of dynamical linear and nonlinear system
- Experience of algebra topics
- Scientific Experience of education method of mathematics
- Teaching all the topics of undergraduate
- Teaching differential equations theory
- Teaching functional analysis
- Teaching dynamical system
- Teaching optimal control
- Teaching differential algebraic equations
- Supervisor of numerical analysis topics
- Supervisor of control system topics
- Supervisor of dynamical system topics
- Supervisor of functional analysis
- Supervisor of differential equations
- Supervisor of fractional differential equations
- Supervisor of fuzzy integral equations
- Supervisor of Partial differential equations
- Supervisor of Real analysis

COURSES TAUGHT:

Undergraduate	Graduate
Qualitative theory of differential equations	Real analysis
Dynamical system	Numerical analysis
Control theory	Operation Research
Differential algebraic equations	Group theory
Optimal control theory	Ring theory
Nonlinear Functional analysis	Caraculs
Differential equations and dynamical system	Complex analysis
Advance linear algebra	Mathematical foundation
Linear Functional analysis	Linear Algebra
Stochastic Differential equations	Functional analysis
Introduction to Integral Equations	Differential equations

PROFESSIONAL AFFILIATIONS:

- Member of scientific committee from 2011-2020
- Member of posit graduate committee from 2011-2018
- Member of seminars comity from 2011-2020
- Member of student meeting committee from 2016-2018
- Member of many discussions of theses committee from 2011-2020
- Member of "Plagiarism programming " committee from 2016-2018"
- Member of under graduate project committee from 2005-2020
- Member of graduate project committee from 2015-2020
- Member of admission committee of preliminary studies 2013-2018
- Member of scientific breastfeeding committee from 2013-2018
- Member of the advisory committee at the faculty of education from 2013-2018
- Member of scientific experience committee 2015-2018
- Chairman preliminary examination committee from 2016-2019
- Chairman Higher examination committee from 2015-2018
- Member of central competitive examination committee from 2016-2018
- Chairman of competitive examination committee from 2016-2018
- Chairman of Higher graduate studies committee from 2016-2018
- Chairman of council of mathematic Dep from 2016-2018
- Member of Buy comity 2011
- Chairman of seminar committee 2016-2020
- Duty of the Head master of Dep. Of under graduate student 2015-2016
- Duty of the Head master of Dep. Of graduate student. 2014-2015
- Head master of Dep. Of graduate student. 2016-2018
- Member of mathematical and physics Iraq comity 1992
- Member of information tagalong Iraq committee 2013

PUBLICATIONS:

- **N-Commuting Maps on Semiprime Rings**
- **On Interior Ideals in Semigroups**
- **Derivations of Semiprime Rings**
- **A Note on Derivations Of Semiprime Rings**
- **Local solvability of semilinear initial value control problem via Composite semigroup approach.**
- **Approximate Controllability of Fractional Stochastic Integro-Differential Equations Driven by Mixed Fractional Brownian Motion**
- **Approximate controllability of fractional Sobolev type stochastic differential equations driven by mixed fractional Brownian motion**
- **The Existence and Stability of Inclusion Equations Type of Stochastic Dynamical System Driven by Mixed Fractional Brownian Motion in a Real Separable Hilbert Space**
- **Numerical and Analytic Method for Solving Proposal Fuzzy Nonlinear Volterra Integral Equation By Using Homotopy Analysis Method**
- **Numerical Double Sumudu Transform for Nonlinear Mixed Fractional Partial Differential Equations**
- **An Efficient Scheme for Solving a System of Time-Fractional Order Differential-Algebraic Equations By Using Fractional Laplace Iteration Method**
- **Fractional Operational Matrices for Solving Multi-Fractional Nonlinear Differential Equations with Mixed Boundary Conditions**
- **Existence and Stability of Solutions for Bilinear Control System with Riemann-Lebesgue Initial Condition**
- **Solutions of Ordinary Differential System by Using Symmetry Group**
- **Quadratic Optimal Control of Fractional Stochastic Differential Equation with Application**
- **Homotopy Perturbation Method for Solving Proposal Fuzzy Integral Classes with Analytic Approach**
- **Numerical and analytic method for solving proposal New Type for fuzzy nonlinear volterra integral equation**
- **Convergence of the Generalized Homotopy Perturbation Method for Solving Fractional Order Integro-Differential Equations**
- **Existence and Stability of Mixed Stochastic Integro-differential Inclusion Equations via Cosine Dynamical System**
- **New Analytic Approach of Mild Solution for General Formula of Extensible Beam Model Equation**
- **Convergence of the Generalized Homotopy Perturbation Method for Solving Fractional Order Integro-Differential Equations**
- **Variational Iteration Method for Solving Parabolic–Hyperbolic Partial Differential**
- **Robust Asymptotically Stabilization of Special Uncertain Descriptor Fractional-Order Systems with Fractional Feedback Control**
- **Existence of Some New Classes of Semilinear Unbounded Perturbed Operator Equations**
- **Existence and stability of Almost Periodic Solutions For Fractional Impulsive Bilinear Control system**
- **Fractional Operational Matrices for Solving Multi-Fractional Nonlinear Differential Equations with Mixed Boundary Conditions**
- **A fractional type of Legendre-Pseudo-Spectral polynomials for approximation of solution of Non-Linear fractional differential equations**
- **Robust Exponential Stability of Mild Solutions to Impulsive Stochastic Neutral Integro-Differential Equations with Delay**

- Some Common Random Fixed Point Theorems In S-metric Space with New Type of Rational Contractive Conditions
- Solvability and admissibility of linear Perturbed Differential Operator Equations with unbounded Control input Via Composite Perturbation Semigroup Approach.
- Solvability of semilinear initial value perturbed Control Problem with Unbounded Control Operator.
- Approximate Solutions To Closure Operator Riccati equation For H_{∞} - problems With Unbounded Control Operator.
- Spectral Conditions for Stability and Instability of Semilinear perturbed Systems in infinite dimensional Space.
- Fuzzy Derivation On Fuzzy Near-ring.
- Solvability of Nonlinear Perturbed System With Unbounded Control Operator By Using Sufficiently Conditions of Admissible Observation Operators.
- On approximate Observability of Strongly Stable Linear Perturbed Sylvester System
- Optimal Perturbed H_{∞} Control Problems with Unbounded Control Operator
- Controllability of semilinear boundary control inequality problem in infinite dimensional state space
- Holder's Inequality ρ -Mean Continuity for Existence and Uniqueness Solution of Fractional Multi-Integro-differential Delay System
- Approximate Observability Of Strongly Stable Linear Perturbed Sylvester System
- Solution of some Types for Multi-fractional Order Differential Equation Corresponding to Optimal Control Problems
- Solution a Classes of Riemann –Lieoville Derivative composition Fractional Order optimal Control problem
- Solution of Some Types for Composition Fractional Order Differential Equations Corresponding to Optimal Control Problems

Books:

- Numerical Solution of Multi-fractional Ordinary Differential Equations, Book 2016
- Approximate Controllability of Stochastic Control Fractional Differential Equations, Book 2016
- Applied Mathematics for Iraq Oil institutes 2018, Second Year Studies ,Book 20 18
- Applied Mathematics for Iraq Oil institutes 2018, First Year Studies ,Book 20 18
- For the Mathematics Book For the Intermediate Third Stage ,2018, Iraq, Book. 2018-for gonig

PROFESSIONAL DEVELOPMENT

- Certification of third scientific conference of science college, Baghdad un./ 2009
- Certification of Alrafdeen college, 2009.
- Certification of sixth scientific conference of Karbla .Un/2010
- Certification of seventeenth scientific conference of education college , Almustansiriyah un./2010
- Certification of second scientific conference of math and comp. science college, Al-khadesiah. Un/2010
- Certification of first conference of math and comp. science college kufa Un. /2011
- Certification of eightieth conference of education college / Almustansiriyah Un. /2011
- Certification of third conference of math and comp. science college , Al-khadsyah Un. /2011
- Certification of International conference of mathematics and application Education College Basra

university /2011

- Certification of Mathematics and Computer Science Conference of education College , Almustansiriyah Un. /2012
- Certification of First International Scientific Conference of The Popular Crowd/ 2015
- Certification of Mathematics and Computer Science Conference of education College / Almustansiriyah Un./ 2017
- Certification of First International Scientific Conference of Al-khwarizmi Association/2018
- Certification of Second International of Conference of Mathematics Of science College, Salahaddin University /2019
- Certification of Second International of Conference for Applied and Pure Mathematics of Science College ,Baghdad Un./2019
- Certification of Second International of Conference of Mathematics Of Education For Pure Science Kerbala Un /2019
- Certification of Forth International Science Conference of Iraq Al-khwarizmi Association in Azerbaigan /2019
- Certification of First International Scientific Conference of Al-hashed Haider Al-Mubargaa Institution For Orphans Care /2019
- Certification of First International Scientific Conference of Al-Ayen Un/2019
- Certification of First International of Conference of Mathematics Dep. Of Primary Education College ,Almustansiriyah Un./ 2020
- Certification of Fifth International Science Conference of Iraq Al-khwarizmi Association in Kerbala /2020

Development Cycles:

- Attended to the International School Entitled " Control and Optimization with industrial Applications 2018 Cimpa, Salahaddin Un.
- Attended to the International School Entitled " Representation Theory",2019. Cimpa, Suleimani Un

الاستاذ المساعد الدكتور سمير قاسم حسن

الجامعة المستنصرية – كلية – التربية

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Email: dr.sameer_kasim@yahoo.com, dr.sameerqasim@uomustansiriyah.edu.iq, <https://orcid.org/0000-0002-2613-2584>

ملخص تعريف:

الاسم الكامل: سمير قاسم حسن الاسدي
محل وتاريخ الولادة: بغداد / ١٩٧٠ ، العنوان الوظيفي: تدريسي ، التحصيل الدراسي: دكتوراه فلسفة في الرياضيات وتطبيقات الحاسوب
اللقب العلمي: استاذ مساعد ، التخصص العام : رياضيات وتطبيقات الحاسوب ، التخصص الدقيق: نظرية السيطرة
مكان العمل الحالي: الجامعة المستنصرية/كلية التربية/قسم الرياضيات
الشهادات الدراسية:

- دكتوراه/الجامعة التكنولوجية/قسم العلوم التطبيقية/٢٠١٠
- ماجستير/جامعة بغداد/ كلية العلوم/٢٠٠٢
- بكالوريوس/جامعة بغداد /كلية العلوم/١٩٩٢

الجوائز والتكريم الاكاديمي:

- ١- عدد كتب الشكر والتقدير:
- ٢- عدد كتب ترمين جهود:
- ٣- عدد الشهادات التقديرية:

الخبرة الأكاديمية والتدريس:

- خبير علمي للاطاريح والرسائل.
- خبير لغوي للاطاريح والرسائل.
- خبير للبحوث لمجالات عالميه ومحليه.
- عضو لجنة مناقشة الاطاريح والرسائل لطلبة الدراسات العليا(الماجستير والدكتوراه).
- عضو لجان مناقشة بحوث تخرج طلبة الدراسات الاولى.
- تقييم عدد من البحوث العلمية في مجال الرياضيات (تحليل دالي، تحليل عددي، معادلات تفاضلية، نظم ديناميكية، نظرية السيطرة).
- الاشراف على تطبيق طلبة الدراسات الاولى المرحلة الرابعة في المدارس والاعداديات كمشرف (علمي وتربوي).
- خبير الاستلال والانتحال
- خبير في تحليل النظم الخطيه واللاخطيه للانظمه الديناميكيه والسيطرة.
- تدريس جميع مواد الدراسات الاولى في تخصص الرياضيات.
- تدريس نظرية المعادلات.
- تدريس تحليل دالي.
- تدريس نظم ديناميكية.
- تدريس سيطره مثلى.
- تدريس المعادلات التفاضليه الجبريه.
- الاشراف في مواضيع التحليل العددي.
- الاشراف في مواضيع السيطرة.
- الاشراف في مواضيع الديناميكيه.
- الاشراف في مواضيع المعادلات التفاضليه.
- الاشراف في مواضيع التحليل الدالي.
- الاشراف في المعادلات التفاضليه الكسريه.
- الاشراف في المعادلات الضبابيه.
- خبره في مواضيع الجبر .
- خبره في المعادلات التكامليه.
- خبره في المعادلات التفاضليه التصادفيه.
- خبره في نظرية الشبه زمرة في المعادلات .

المقررات الدراسية التي تم تدريسها:

الدراسات العليا	الدراسات الأولية
النظريه النوعيه في المعادلات التفاضليه	التحليل الرياضي
نظم ديناميكيه	التحليل العددي
نظرية السيطره	بحوث عمليات
المعادلات التفاضليه الجبريه	جبر الزمر
نظرية السيطره المثلى	تفاضل وتكامل
تحليل دالي متقدم	تحليل عقدي
المعادلات التفاضليه والنظم الديناميكيه	اسس الرياضيات
المعادلات التفاضليه التصادفية	جبر خطي
مقدمة في المعادلات التكامليه	تحليل دالي
مواضيع في النظم الديناميكية	معادلات تفاضلية اعتيادية
	معادلات تفاضلية جزئية

الأنساب المهني او الجمعيات:

- لجان
- عضو لجان العلميه والدراسات العليا من 2011-2018
- رئيس اللجنة العلمية من 2016-2018
- رئيس لجنة الدراسات العليا من 2016-2018
- رئيس لجنة السمنار من 2016-2018
- رئيس لجان المقابلات من 2016-2018
- عضو و ريس لجان المناقشات للاطاريح والرسائل من 2013-2020
- عضو ورئيس لجان الاستلال من 2013-2020
- رئيس وعضو اقرار مشاريع الماجستير والدكتوراه من 2013-2020
- رئيس وعضو لجان مناقشة مشاريع طلبة الدراسات الاوليه 2013-2020
- رئيس لجنة امتحانات الدراسات العليا من 2016-2018
- رئيس لجنة الامتحان التنافسي للدراسات العليا من 2016-2018
- عضو في لجنة الامتحان التنافسي المركزي للدراسات العليا من 2016-2018
- لجان استشاريه علميه 2018
- رئيس لجنة المشتريات 2011
- مقرر الدراسات الاوليه من 2016-2015
- مقرر الدراسات العليا من 2014-2015
- رئيس قسم الرياضيات من 2016-2018
- عضو الجمعيه العراقيه للرياضيات والحاسبات من 1992
- عضو الجمعيه العراقيه لتكنولوجيا المعلومات من 2013

المنشورات العلمية

1. N-Commuting Maps on Semiprime Rings
2. On Interior Ideals in Semigroups
3. Derivations of Semiprime Rings
4. A Note on Derivations Of Semiprime Rings
5. Local solvability of semilinear initial value control problem via Composite semigroup approach.
6. Approximate Controllability of Fractional Stochastic Integro-Differential Equations Driven by Mixed Fractional Brownian Motion
7. Approximate controllability of fractional Sobolev type stochastic differential equations driven by mixed fractional Brownian motion
8. The Existence and Stability of Inclusion Equations Type of Stochastic Dynamical System Driven by Mixed Fractional Brownian Motion in a Real Separable Hilbert Space
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21. Convergence of the Generalized Homotopy Perturbation Method for Solving Fractional Order Integro-Differential Equations
22. Variational Iteration Method for Solving Parabolic-Hyperbolic Partial Differential
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38. Controllability of semilinear boundary control inequality problem in infinite dimensional state space
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40. Approximate Observability Of Strongly Stable Linear Perturbed Sylvester System
41. Solution of some Types for Multi-fractional Order Differential Equation Corresponding to Optimal Control Problems
42. Solution a Classes of Riemann –Lieoville Derivative composition Fractional Order optimal Control problem
43. Solution of Some Types for Composition Fractional Order Differential Equations Corresponding to Optimal Control Problems

٢. كتب مؤلفة: 5

1. Numerical Solution of Multi-fractional Ordinary Differential Equations, Book 2016
2. Approximate Controlability of Stochastic Control Fractional Differential Equations, Book 2016
3. Applied Mathematics for Iraq Oil institutes 2018, Second Year Studies ,Book 20 18
4. Applied Mathematics for Iraq Oil institutes 2018, First Year Studies ,Book 20 18
5. For the Mathematics Book For the Intermediate Third Stage ,2018, Iraq, Book.2018-forgonig

تطوير المهارات: (آخر خمس سنوات)

عدد المشاركات في المؤتمرات : 11

- المؤتمر الاول الدولي لقسم الرياضيات في كلية التربية الاساسية / 2020.
 - المؤتمر الدولي الخامس لجمعية الخوارزمي / 2020.
 - مؤتمر جامعة بغداد الدولي الثاني للعلوم التطبيقية والصرفة / 2019.
 - مؤتمر جامعة العين الدولي الاول لجامعة العين / 2019.
 - المؤتمر العلمي الاول لمؤسسة الشهيد حيدر المبرقع بالتعاون مع العتبة الحسينية المقدسة / 2019.
 - المؤتمر الدولي العلمي الثاني لكلية التربية جامعة كربلاء / 2019.
 - المؤتمر العلمي الولي الرابع بالتعاون مع جامعة خازار الانرية / 2019.
 - المؤتمر العلمي الثاني لكلية العلوم جامعة صلاح الدين اربيل / 2019.
 - المؤتمر العلمي الاول لجمعية الخوارزمي / 2018.
 - المؤتمر العلمي للرياضيات والحاسبات في كلية التربية / 2017.
 - المؤتمر العلمي الدولي الاول للحشد الشعبي / 2015.
- عدد المشاركات في الندوات: ، عدد المشاركات في التعليم المستمر: ، عدد المشاركات في الدورات التدريبية:

الدورات التدريبية الخارجية :

- دورة في جامعة اربيل اقامتها مدرسة Cimpa العالمية (الامتلية والسيطرة المتلمع التطبيقات الصناعية) / 2018
- دورة في جامعة سليمانية اقامتها مدرسة Cimpa العالمية (نظرية الشواخص) / 2018