

Curriculum Vitae

Ghazwa Faisal Abd

Mustansiriyah University – College of Sciences

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PERSONAL SUMMARY:

- Member of the teaching staff at Mustansiriyah University College of Science, Department of Mathematics Sciences since 2005 till now, working as a Lecturer.

EDUCATION:

- Ph.D. #1: from Mustansiriyah University College of Science, Department of Mathematics Sciences specialized in Dynamical Descriptor Systems.
- M.Sc. #2: from Mustansiriyah University College of Science, Department of Mathematics Sciences specialized in Optimal Control Theory.
- B.Sc. #3: from Mustansiriyah University College of Science, Department of Mathematics Sciences.

COURSES TAUGHT:

Undergraduate	Undergraduate
<ul style="list-style-type: none">Linear algebra.Abstract algebra (groups and rings).Partial differential equations.Matlab programming.Optimal control theory.	<ul style="list-style-type: none">Calculus of variation.Differential geometry.

PUBLICATIONS:

ALL MY PUBLICATIONS IN:

<https://scholar.google.com/citations?hl=en&user=Rkl1zBMAAAAJ>

- Naseif Jasim Al-Jawari and **Ghazwa Faisal Abid**, ON THE EXISTENCE OF A SOLUTION TO THE DUAL PARTIAL DIFFERENTIAL EQUATION OF DYNAMIC PROGRAMMING, Journal of Al-Nahrain University, vol. 11, No. 3, pp. 143-155, 2008.
- Radhi Ali** and **Ghazwa Faisal**, Solvability of Time-Varying Descriptor Systems Using NonClassical Variational Approach, Mathematical Theory and Modeling, vol. 5, No. 12, pp. 74-82, 2015.

- **Radhi Ali Zaboon and Ghazwa Faisal Abd**, Approximate Solution of a Linear Descriptor Dynamic Control System via a non-Classical Variational Approach , IOSR Journal of Mathematics (IOSR-JM), vol.11, issu. 1, pp. 1-11, 2015.
- **Radhi Ali Zaboon and Ghazwa Faisal Abd**, Stabilization of Uncertain Non-Bilinear Descriptor Dynamical System Via Logarithmic Norm Approach, International Journal of Engineering and Applied Sciences (IJEAS), vol. 2, issu. 10, pp. 25-28, 2015.
- **F. Ghazwa and A. Radhi**, STABILIZATION OF UNCERTAIN TIME-VARYING BILINEAR DESCRIPTOR DYNAMICAL CONTROL SYSTEM, International Journal of Advanced Research, vol. 3, issu. 11, pp. 1614-1618, 2015.
- **Ghazwa Faisal Abd and Radhi Ali Zaboon**, Stabilization of Uncertain Descriptor Bilinear Dynamical System Using Logarithmic Norm, , International Journal of Engineering and Innovative Technology (IJEIT), vol.5, issu. 5, pp. 21-23, 2015.
- **Radhi Ali and Ghazwa Faisal**, Stabilization of Descriptor System via a Non-Classical Variational Approach, Journal of Al-Nahrain University, vol. 5, No. 6, pp. 11-15, 2015.
- **Ghazwa Faisal Abd and Radhi Ali Zaboon**, Finite-Time Stabilization of Uncertain Non-Bilinear Descriptor Dynamical System, International Journal of Mathematical and Computer Modelling, vol. 20, issu. 2, pp. 1188-1129, 2015.
- **Ghazwa Faisal Abd and Radhi Ali Zaboon**, Solvability and Qualitative Properties of Non-linear Descriptor Systems, Lambert Academic Publishing, Book with ISBN 978-3659863394 , 120 pages, 2016.
- **Ghazwa Faisal Abd and Radhi Ali Zaboon**, The Dual Dynamic Programming for studying Bolza control problem, Lambert Academic Publishing, Book with ISBN 978-3-659-85607-5, 60 pages, 2016.
- **Radhi A. Zaboon and Ghazwa F. Abd** , Sequential unconstrained approach for solving index one constrained differential-algebraic optimal control problems, Journal of Physics: Conference Series, vol. 1879, issu. 032011, pp. 1-18, 2021.

Links to my global databases

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- In Scopus: <https://www.scopus.com/authid/detail.uri?authorId=57224444129>
- In Google Scholar: <https://scholar.google.com/citations?hl=en&user=Rkl1zBMAAAAJ>
- In Research gate: <https://www.researchgate.net/profile/Ghazwa-Faisal>
- In ORCID: <https://orcid.org/0000-0002-6044-5912>
- My Webpage: <https://uomustansiriyah.edu.iq/e-learn/profile.php?id=1057>

السيرة الذاتية

م.د. غزوة فيصل عبد

كلية العلوم – الجامعة المستنصرية
البريد الإلكتروني: k.abd@uomustansiriyah.edu.iq

ملخص تعريفي:

- اعمل كأحد أعضاء الهيئة التدريسية في الجامعة المستنصرية- كلية العلوم – قسم علوم الرياضيات منذ 2005.

الشهادات الدراسية:

- #1 : دكتوراه من الجامعة المستنصرية – كلية العلوم- قسم علوم الرياضيات باختصاص أنظمة وصفية ديناميكية.
- #2 : ماجستير من الجامعة المستنصرية – كلية العلوم- قسم علوم الرياضيات باختصاص أنظمة سيطرة مثلى.
- #3 : بكالوريوس من الجامعة المستنصرية – كلية العلوم- قسم علوم الرياضيات.

المقررات الدراسية التي تم تدريسها:

الدراسات الأولية	الدراسات الأولية
<ul style="list-style-type: none">• نظم السيطرة المثلى.• الهندسة التفاضلية.• برمجة ماتلاب.	<ul style="list-style-type: none">• الجبر الخطي.• الجبر المجرد (زمر وحلقات).• المعادلات التفاضلية الجزئية.• حساب التفاضل.

المنشورات العلمية

كل منشوراتي موجودة على الرابط التالي

<https://scholar.google.com/citations?hl=en&user=Rk1zBMAAAJ>

- **Naseif Jasim Al-Jawari and Ghazwa Faisal Abid**, ON THE EXISTENCE OF A SOLUTION TO THE DUAL PARTIAL DIFFERENTIAL EQUATION OF DYNAMIC PROGRAMMING, Journal of Al-Nahrain University, vol. 11, No. 3, pp. 143-155, 2008.
- **Radhi Ali and Ghazwa Faisal**, Solvability of Time-Varying Descriptor Systems Using NonClassical Variational Approach, Mathematical Theory and Modeling, vol. 5, No. 12, pp. 74-82, 2015.

- **Radhi Ali Zabooun and Ghazwa Faisal Abd**, Approximate Solution of a Linear Descriptor Dynamic Control System via a non-Classical Variational Approach , IOSR Journal of Mathematics (IOSR-JM), vol.11, issu. 1, pp. 1-11, 2015.
- **Radhi Ali Zabooun and Ghazwa Faisal Abd**, Stabilization of Uncertain Non-Bilinear Descriptor Dynamical System Via Logarithmic Norm Approach, International Journal of Engineering and Applied Sciences (IJEAS), vol. 2, issu. 10, pp. 25-28, 2015.
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- **Ghazwa Faisal Abd and Radhi Ali Zabooun**, Stabilization of Uncertain Descriptor Bilinear Dynamical System Using Logarithmic Norm, , International Journal of Engineering and Innovative Technology (IJEIT), vol.5, issu. 5, pp. 21-23, 2015.
- **Radhi Ali and Ghazwa Faisal**, Stabilization of Descriptor System via a Non-Classical Variational Approach, Journal of Al-Nahrain University, vol. 5, No. 6, pp. 11-15, 2015.
- **Ghazwa Faisal Abd and Radhi Ali Zabooun**, Finite-Time Stabilization of Uncertain Non-Bilinear Descriptor Dynamical System, International Journal of Mathematical and Computer Modelling, vol. 20, issu. 2, pp. 1188-1129, 2015.
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- **Radhi A. Zabooun and Ghazwa F. Abd** , Sequential unconstrained approach for solving index one constrained differential-algebraic optimal control problems, Journal of Physics: Conference Series, vol. 1879, issu. 032011, pp. 1-18, 2021.

روابط قواعد البحوث العالمية التي نتواجد فيها

In Scopus: <https://www.scopus.com/authid/detail.uri?authorId=57224444129>

In Google Scholar: <https://scholar.google.com/citations?hl=en&user=Rk1zBMAAAAJ>

In Research gate: <https://www.researchgate.net/profile/Ghazwa-Faisal>

In ORCID: <https://orcid.org/0000-0002-6044-5912>

My Webpage: <https://uomustansiriyah.edu.iq/e-learn/profile.php?id=1057>