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|  ▼ الاسم المستخدم في نشر البحوث حسب الكوكل سكولرIbraheem Kasim Ibraheem |

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| ▼ الاتجاهات البحثية* Robotics, Nonlinear control, Machine learning, system identification, power control
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| ▼ الدرجة العلمية Professor  |
| ▼ الأبحاث المنشورةPUBLICATIONS1. Ibraheem K. Ibraheem, “**A Digital-Based Optimal AVR Design of Synchronous Generator Exciter using LQR Technique**”, Al-Khwarizmi Engineering Journal, ISSN: 1818-1171, Vol. 7, No. 1, March 2011.
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10. Ibraheem Kasim Ibraheem, **Anti-Disturbance Compensator Design for Unmanned Aerial Vehicle**, Journal of Engineering, vol. 26, no. 1, pp. 86-103, 2020.
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12. W.A. Mahmoud; I.K. Ibraheem, ”**Image Denoising using Stationary Wavelet transform**”, AMSE periodical / Signal Processing and Pattern Recognition series / Advances in modeling / series-B, Vol. 46 nº 4, Page (1 –19), France, 2003.
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14. W.A. Mahmoud; I.K. Ibraheem, “**Denoising of a Non-Guassian and Film Grain Noise using Wavelet Transform**” at the association for the Advancement of Modeling and Simulation Techniques in Enterprises (A.M.S.E), AMSE periodical / Signal Processing and Pattern Recognition series / Advances in modeling / series-B, Vol. 48 nº 4, France, 2005.
15. Ibraheem K. Ibraheem, “**A Digital-Based Optimal AVR Design of Synchronous Generator Exciter using LQR Technique**”, Al-Khwarizmi Engineering Journal, ISSN: 1818-1171, Vol. 7, No. 1, March 2011.
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| ▼ الكتب والمؤلفات* Distributed Denial of Service attacks: Detection and Prevention, Lambert, 2016.
* Robust Control for Load Frequency Control in Power systems: State-Space and Polynomial Techniques, Lambert, 2018.
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| ▼ رسائل الماجستير الذي اشرف عليها

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| **Year** | **Department** | **Thesis Title** | **No.** |
| 2012 | Electrical Engineering | Load Forecasting Problem for Iraqi Super High Voltage Grid Based on using Optimization Techniques (master) | 1 |
| 2011 | Computer Engineering | Detecting and preventing distributed denial of service(DDOS) attack (master) | 2 |
| 2011 | ComputerEngineering |  The Multi-Constrained Dynamic Programming Problem in View of Routing Strategies in Wireless Mesh Networks (master) | 3 |
| 2013 | Electrical Engineering | Routing in Wireless Networks using Evolutionary Multi-Objective Optimization Techniques | 4 |
| 2014 | Electrical Engineering | Motion Control of an Autonomous Mobile Robot Using Swarm Optimization Based Fractional Order Controllers | 5 |
| 2016 | Electrical Engineering | Development of Swarm Intelligence for Autonomous Navigation and Obstacle Avoidance of an Omnidirectional Mobile Robot  | 6 |
| 2017 | Electrical Engineering |  Consensus Control of UAV Multi-Agent Systems | 7 |
| 2019 | Electrical Engineering | Nonlinear Control of Sensorless Permanent Magnet Synchronous Motor with Disturbance Compensation Techniques | 8 |
| 2020 | Electrical Engineering | Modeling and Nonlinear Control Design of Uncertain Systems with Anti- Disturbance Techniques | 9 |

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| ▼ اطاريح الدكتوراه الذي اشرف عليها

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| 2014 | Electrical Engineering | Active Disturbance Rejection Control for Nonlinear MIMO Systems. | 1 |

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