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| **Dr. Fatema Alzahraa Mohamad Nabieh Hassan** |
| **Short Resume:** |
|  |
| **Academic Degrees:** |
| **Country** | **Year of Graduation** | **University** | **Major** | **Degree** |
| **EGYPT** | **2011** | **Mansoura** | **Theoretical Physics** | **PhD** |
| **EGYPT** | **2007** | **Mansoura** | **Theoretical Physics** | **MSc** |
| **EGYPT** | **2002** | **Mansoura** | **Physics** | **BSc** |
| **Publications** |
| **Link** | **Date of Publication** | **Name of Journal** | **Publication Title** |
|  | **2007** | **MSc thesis** | A First- Principles Calculations in Magnetism . |
|  | **2011** | **PhD thesis** | A First- Principles Calculation of the Magnetic Properties and Electronic Structure of 3d Transition Metal- Based Compounds. |
| <http://www.sciencedirect.com/science/article/pii/S0921452612003067> | pp. 2486-2489, 1, 2012. | Physics of Condensed Matter,  | A first-principle study of the magnetic, electronic and elastic properties of the hypothetical YFe5 compound |
| [**http://www.ripublication.com/irph/volume/ijpav2n3.htm**](http://www.ripublication.com/irph/volume/ijpav2n3.htm) | 2010. | International Journal of Physics and Applications (IJPA), ISSN 0974-3103 | “A DFT-Based Study of the Magnetic, Electronic and Elastic Properties of YFe2”, Volume 2, Number 1, pp. 135--148(2010). |
|  | 2008. | Adaptive Data AnalysisWorld Scientific Publishing Company | Electronic band structure and magnetic properties of YCo5 |
|  | 2012 | Lambert Academic Publishing(978-3-8484-1370-6) | Calculation of the Magnetic and Electronic Properties of YFe Compounds |

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| **Administrative Designations, Committees and Units** |
| **Designation (head, coordinator, member)** | **Department Units & Committees** | **Designation (head, coordinator, member)** | **College Units & Committees** |
|  |  | **coordinator of physics department** | **Quality and development**  |
|  |  | **coordinator of physics department** | **Academic Advisory** |
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| **Administrative Designations** |
| **Period of Time** | **Administrative Designation** |
|  |  |
|  |  |
| **Courses (Current Semester)** |
| **Credit Hours** | **Actual Hours** | **Course Name** | **Course Code &** **Number** |
| **4** | **5** | **mathematical physics 1** | **PHYS121** |
| **3** | **4** | **classical mechanics 1** | **PHYS122** |
| **3** | **4** | **mathematical physics 2** | **PHYS 212** |
| **3** | **4** | **classical mechanics 2** | **PHYS215** |
| **3** | **4** | **mathematical physics 1** | **PHYS221** |
| **5** | **4** | **electrodynamics** | **PHYS314** |
| **3** | **4** | **computational physics 1** | **PHYS411** |
| **3** | **4** | **computational physics 2** | **PHYS421** |

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| **Administrative & Academic Experience (Former Administrative & Academic Designations)** |
| **Period of Time** | **Former Administrative Designations** |
| **-----------** | **----** |
| **Period of Time** | **Academic Ranks** |
| **2011 up to now** | **Assistant Professor** |
| **2007 up to 2011** | **Lecture**  |
| **2002-2007** | **Demonstrator** |
| **Training Courses** |
| **Date** | **Institution** | **Course Type** | **Name** |
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| **Faculty Members Activities** |
| **Link** | **Activity** |
| **------------** | **------** |

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| **Contact Information** |
| **Office Hours** |
| **10.00:12.00** | **Hour:** | **Monday** | **Day:** |
| **12.00:2.00** | **Hour:** | **sunday** | **Day:** |
| **Academic Advisory** |
| **10.00:12.00** | **Hour:** | **Tuesday** | **Day:** |
| **10.00:12.00** | **Hour:** | **Thursday** | **Day:** |
| **Contact Me** |
| **016-4043832** | **Phone** |
| **f.hassan@mu.edu.sa** | **E-mail:** |
| **Faculty.mu.edu.sa/fhassan** | **Faculty University Website:** |
| **-------------** | **Other Website:** |
| **-------------** | **Blogs** |