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| **Rasha Abd Alhi Mohammad Taha Ahmed** | | | | | |
| **Short Resume:** | | | | | |
| Sudanese | | | | Nationality: | |
| Nov. 1974 | | | | Date of birth : | |
| Sudan- Khartoum | | | | Country of birth: | |
| Married & Mother | | | | Social status : | |
| **Academic Degrees:** | | | | | |
| **Country** | **Year of Graduation** | **University** | **Major** | | **Degree** |
| SUDAN | 1999 | SUDAN UNIVERSITY OF SCIENCE & TECHNOLOGY | PHYSICS | | BSc(Honors) |
| SUDAN | 2003 | SUDAN UNIVERSITY OF SCIENCE & TECHNOLOGY | PHYSICS | | MSc |
| SUDAN | 2011 | SUDAN UNIVERSITY OF SCIENCE & TECHNOLOGY | SOLID STATE PHYSICS | | PHD |
| **Publications** | | | | | |
| **Link** | **Date of Publication** | **Name of Journal** | **Publication Title** | | |
|  | 2003 | **MSc thesis** | Electrical properties and the degree of ionization of the magnetized water | | |
|  | 2011 | **PHD thesis** | Design a Theoretical Model of Superconducting Materials at High Temperatures Critical | | |
| DOI: [10.4236/ns.2013.58114](http://dx.doi.org/10.4236/ns.2013.58114) | August 7, 2013 | [**Natural Science**](http://www.ljemail.org/journal/Home.aspx?JournalID=69)  [**Vol.5 No.8**](http://www.ljemail.org/journal/Home.aspx?IssueID=3451)**,** | using the tight binding approximation in deriving the quantum critical temperature superconductivity equation | | |
| DOI: [10.4236/ns.2013.510131](http://dx.doi.org/10.4236/ns.2013.510131) | September 29, 2013 | [**Natural Science**](http://www.ljemail.org/journal/Home.aspx?JournalID=69)  [**Vol.5 No.10**](http://www.ljemail.org/journal/Home.aspx?IssueID=3712)**,** | impact of the light intensity variation performance of the solar cell constructed ​​from Muscovite / TiO2 / dye / Al | | |
| DOI: [10.4236/ns.2014.617117](http://dx.doi.org/10.4236/ns.2014.617117) | December 31, 2014 | [**Natural Science**](http://www.scirp.org/journal/Home.aspx?JournalID=69)  [**Vol.6 No.17**](http://www.scirp.org/journal/Home.aspx?IssueID=5870) | Deriving of the Generalized Special Relativity (GSR) by Using Mirror Clock and Lorentz Transformations | | |

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| DOI: [10.4236/ns.2014.617119](http://dx.doi.org/10.4236/ns.2014.617119) | December 31, 2014 | [**Natural Science**](http://www.scirp.org/journal/Home.aspx?JournalID=69)  [**Vol.6 No.17**](http://www.scirp.org/journal/Home.aspx?IssueID=5870) | | [Using the Resistance Depending on the Magnetic and Electric Susceptibility to Derive the Equation of the Critical Temperature](http://www.scirp.org/journal/PaperInformation.aspx?PaperID=52903) | |
| Paper ID: SUB14830 | 12, December 2014 | **International Journal of Science and Research (IJSR) ISSN (Online): 2319-70647**  **Volume 3 Issue** | | Explanation of the Effect of Magnetic Field on laser Intensity on the Basic of Generalized Special Relativity | |
| **Administrative Designations, Committees and Units** | | | | | | |
| **Designation (head, coordinator,** | **Department Units & Committees** | | **Designation (head, coordinator,** | | **College Units & Committees** | |
|  |  | |  | |  | |
| **member** | **MSC PROGRAM DEVELOPMENT committee (SUST)** | | **Coordinator** | | **GENERAL DEPARTMENT (SUST)** | |
| **member** | **EXAM COMMITTEE – DEPARTMENT (SUST)** | | **Member** | | **EXAM COMMITTEE –COLLEGE (SUST)** | |
| **coordinator of physics department** | **Quality and development**  **(mu)** | | **Coordinator** | | **MSc program(sust)** | |
|  |  | | **Member** | | **Research board (college of science) (sust)** | |
| **Administrative Designations** | | | | | | |
| **Period of Time** | | | **Administrative Designation** | | | |
| **11/1436 Till now** | | | **Quality and development** | | | |
| **Courses (Current Semester)** | | | | | | |
| **Credit Hours** | **Actual Hours** | | **Course Name** | | **Course Code & Number** | |
| **2** | **2** | | **General Physics (2) (lecture)** | | **Phys123** | |
| **2** | **2** | | **classical mechanics (2) (lecture)** | | **Phys 215** | |

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| --- | --- | --- | --- |
| **1** | **2** | **classical mechanics (2) (practical)** | **PHYS 215** |
| **2** | **2** | **Solid state physics(2) (lecture)** | **PHYS 771** |
| **1** | **2** | **Solid state physics(2) (practical)** | **PHYS 771** |
| **1** | **2** | **spectroscopy Physics**  **(practical)** | **PHYS711** |
| **Administrative & Academic Experience (Former Administrative & Academic Designations)** | | | |
| **Period of Time** | | **Former Administrative Designations** | |
|  | |  | |
| **Period of Time** | | **Academic Ranks** | |
| May 2000 til June 2003 | | Teaching Assistant (sust) | |
| July 2003 til Jan. 2011 | | Lecturer (sust) | |
| Feb. 2003 til july 2105 | | Assistant Professor (sust) | |
| From 2/11/1436h to date | | Assistant Professor (mu) | |
| **Training Courses** | | | |
| **Date** | **Institution** | **Course Type** | **Name** |
| 18/11/2012 till 29/11/2012 | Sudan University of Science and Technology | A training course | Upgrade the Performance of the University Staff |
| May 2009 | Neelain Univ. | A training course | Crystal Structure of condensate material |
| March 2015 | Sudan University of Science and Technology | A training course | Skills of a good teacher & Teaching methods |
| 11/1436 | Majmaah university | A training course | E-learning (D2L) |
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| **Faculty Members Activities** | | | | | | | |
| **Link** | | | **Activity** | | | | |
|  | | |  | | | | |
|  | | |  | | | | |
| **Contact Information** | | | | | |
| **Office Hours** | | | | | |
| **10-12** | **Hour:** | | **Monday** | | **Day:** |
| **10-12** | **Hour:** | | **Tuesday** | | **Day:** |
| **Academic Advisory** | | | | | |
| **8-10** | **Hour:** | | **Monday** | | **Day:** |
| **8-10** | **Hour:** | | **Tuesday** | | **Day:** |
| **Contact Me** | | | | | |
| **0164046024** | | | | **Phone** | |
| [**r.taha@mu.edu.sa**](mailto:r.taha@mu.edu.sa)  [rashatsbr@gmail.com](mailto:isamattia@yahoo.com) | | | | **E-mail:** | |
| |  |  | | --- | --- | |  | <http://faculty.mu.edu.sa/rtaha> | | | | | **Faculty University Website:** | |
| **-** | | | | **Other Website:** | |
| **-** | | | | **Blogs** | |

Sust : Sudan university of science &technology

Mu : majmaah university