



ACADEMIC CURRICULUM VITAE

CONTACT INFORMATION

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PERSONAL INFORMATION

Date of Birth: 18/10/1973
Place of Birth: Tripoli, Libya
Citizenship: Libyan

EMPLOYMENT HISTORY

Demonstrator, Sebha University-Libya, School of physics 1999-2001
Lecturer, Sebha University-Libya, School of physics 2006-2008
Lecturer, Sebha University-Libya, School of physics 2014-until now

EDUCATION

B.Sc., Physics, 1997 (Sebha University, Libya)
M.Sc., Thin film physics, 2006 (Garyounis University, Libya)
PhD, Condensed Matter Physics and Superconductivity, 2013 (USM Universiti Sains Malaysia).

PUBLICATIONS

1. T. M. Fayeze and K. Ibrahim. (2012) Transition temperature model based on specific heat data of an FeAs-based superconductor. Phase Transitions: A Multinational Journal. 85(9), pp.768-776.
2. T. M. Fayeze and K. Ibrahim. (2012) Resistive transition of the compound $\text{LaO}_{0.89}\text{F}_{0.11}\text{FeGe}$ at 20 K. Phase Transitions: A Multinational Journal. 85(9), pp.777-780.
3. T. M. Fayeze and K. Ibrahim. (2014) Far-infrared probe of energy gap in $\text{LaO}_{1-x}\text{F}_x\text{FeGe}$ compound. Phase Transitions: A Multinational Journal. 87(3), pp. 236-242.
4. T. M. Fayeze, K. Ibrahim and A. A. Abobaker. (2017) Semiconductor-superconductor phase transition of the compound $\text{LaO}_{0.89}\text{F}_{0.11}\text{FeSb}$. Phase Transitions: A Multinational Journal. DOI: 10.1080/01411594.2017.1337906.
5. A. A. Abobaker and T. M. Fayeze. (2017) Effect of noise on the accuracy of position sensitive silicon detector. Al-JAMEAI Journal. 25(1), pp. 3-15.

INTERESTS

Condensed Matter Physics, Thin films, Superconductivity, Iron based oxypnictide materials.

EXPERIMENTAL EXPERIENCE

High resolution X-ray diffraction.

Fourier transform infrared spectrometer system.

Four probe measurement technique at low temperatures

Closed-cycle refrigerator system (Helium compressor).

Ultra-high vacuum system.