



Curriculum Vita
09/2025

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EDUCATION

1. Ph. D. degree in physics, Kansas State University – USA, March 1991.
2. M. Sc. Degree in physics, Kansas State University – USA, May 1988.
- B. Sc. Degree in physics, Yarmouk University – Jordan, July 1984.

TEACHING EXPERIENCE

1. May/2019 – Present, Asst./Associate/Prof., Parker University -USA
2. 2023-Present, , Adjunct Faculty, ETA&M University - USA
3. March 1991- May 2019, Asst/Associate/Prof. Mutah University-Jordan
4. 20 Sept. 1997 – 17 Sept. 2001. Associate Prof., University of Qatar – Qatar (sabbatical Leave).

PROFESSIONAL EXPERIENCE

Teaching Physics courses (graduate and Undergraduate) and conducting research in many universities in different countries (USA, Jordan, Qatar, S.A.).

PUBLICATIONS

SELECTED PUBLICATIONS:

- 1. Effect of alloying elements on the double-transition behavior of Gd-rich spin glass Systems**, A. Al-Sharif and M. J. O'Shea, **J. Appl. Phys.** 61, 3613 (1987).
- 2. Superconducting and electronic structure of Bi-based compounds**, S. Thomas, P. Sherwood, N. Singh, A. Al-Sharif and M. J. O'shea, **Phys. Rev.B**, 39, No.10, 1989.
- 3. Attempts to prepare Bi-Based superconductors on carbon fiber substrate**, A. Al-Sharif, M. J. O'Shea, S. Thomas and P. Sherwood, **J. Appl. Phys.** 67, 5023 (1990).
- 4. Overview of high T_c superconductors**, Proc. Of 1st National Jordanian Conf. On Electrical Engineering, pp 72-87 (1992).
- 5. Inverted hysteresis in magnetic systems with interface exchange**, M. J. O'Shea and Al-Sharif, **J. Appl. Phys.** 75, 6673 (1994).
- 6. Magnetic behavior of Gd-rich spin glass systems**, A. Al-Sharif and M. J. O'shea, **Mu'tah J. Res. and Stu.** V9 47 (1994).
- 7. Superconducting and magnetic properties of Bi-based superconductors with Fe, Co or Ni**, A. Al-Sharif and M. J. O'Shea, **Mu'tah J. Res. And Stu.** V9, 95 (1994).
- 8. Irradiation effects on the YbaCuO superconducting compound**, A. Al-Sharif and M. J. O'Shea, **Appl. Phys. A** 59, 597 (1994).
- 9. Shifted hysteresis loops in Co/CoO multilayers**, A. Al-Sharif, **Tr. J. Phys.** 18, 1086 (1994).
- 10. Effect of Pr substitution in place of Y in YBaCuO superconducting compound**, A. Al-sharif, **Mu'tah J. Res. And Stu.** V9, 71 (1994).
- 11. Magnetic behavior of YSmBaCuO superconducting compound**, A. Al-Sharif, **Mu'tah J. Res. And Stu.** V9, 83 (1994).
- 12. Magnetic measurements on some rare-earth iron garnets**, M. Iataifeh and A. Al-Sharif, **Appl. Phys. A** 61, 415 (1995).

- 13. Magnetic and XPS measurements of basalt rocks, A. Al-Sharif, Mutah J. Res. And Stud.12, 79 (1997)**
- 14. Magnetic and structural properties of GdYNi, M. R. Said, I. Abu-Aljarayesh and A. Al-Sharif. Proceeding of MSM-01, Tehran-Iran, 783 (1999).**
- 15. Electromechanical properties of magnetic transducer, A. Tawfiq and A. Al-Sharif, J. Mag. Mag. Materials, 278, 195 (2004).**
- 16. Effect of Co substitution on the structural and magnetic properties of Zn-w hexaferrites, D. Hemeda, A. Al-Sharif and O. Hemeda, JMMM 315 (L1-L7) 2007.**
- 17. The structural and magnetic properties of $\text{Bi}_{1-x}\text{A}_x\text{Fe}_{1-y}\text{B}_y\text{O}_3$ multiferroic compounds. A. Al-Sharif and A. Muqri , EPJ 29,40 (2012) 29.**
- 18. The dc conductivity and magnetic propertries of pesoelectric and pisomagnetic composite system, O.Hemeda, A.Tawfik, A.Al- Sharif , M Amer, And D. ElRefaay, JMMM 324(2012)4118.**
- 19. Effect of using virtual lab simulation on student Learning....V14, N3 2022, 89-99.**
- 20. Virtual simulation lab experiments versus conventional lab experiment...comparative study, V16, N1 2024, 34-43.**

RESEARCH GRANTS AND AWARDS

1. TWAS Prize/Italy: Magnetism Research (1995).

2. Research Grant: The higher Council of research/Jordan (Permanent magnets and its applications)