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Education

Degree	Institution	Year
B.Sc.	Tanta University	2004
M.Sc.	Tanta University	2007
Ph.D.	Tanta University	2011

Employment

Position	Employer	Period
Professor	Kafrelsheikh University, Egypt	2025
Assistant Professor	Kafrelsheikh University, Egypt	2017-2025
Lecturer	Kafrelsheikh University, Egypt	2011-2017
Assistant Lecturer	Kafrelsheikh University, Egypt	2007-2011
Demonstrator	Kafrelsheikh University, Egypt	2002-2007

Important publications

Fatma El-Sayed, S. M. Attia, "Wavelengths and E1, E2, M1, and M2 line strengths in Nb XXX", Journal of Quantitative Spectroscopy and Radiative Transfer 314 (2024) 108851

Fatma El-Sayed, "Excitation energies, lifetimes, and transition data for Zr XXIX", Journal of Quantitative Spectroscopy and Radiative Transfer 296 (2023) 108431.

Amal Althiyabi and Fatma El-Sayed, "Energies and transition data for Be-like hafnium and tantalum ions", Atomic Data and Nuclear Data Tables 147 (2022) 101528.

S. M. Attia and Fatma El-Sayed, "Relativistic excitation energies and transition data for In XL and Sn XLI", Journal of Quantitative Spectroscopy and Radiative Transfer 283 (2022) 108139.

Fatma El-Sayed, “Relativistic excitation energies and transition data for Ag XLIV and Cd XLV”, Journal of Quantitative Spectroscopy and Radiative Transfer 276 (2021) 107930.
Fatma El-Sayed, “Relativistic multiconfiguration Dirac-Hartree-Fock calculations for energies, lifetimes, and E1, E2, M1, and M2 line strengths of Y XXXII”, Journal of Quantitative Spectroscopy and Radiative Transfer 271 (2021) 107736.
Fatma El-Sayed, “Energy levels, line strengths, and lifetimes for Mo XXXVI”, Journal of Quantitative Spectroscopy and Radiative Transfer 262 (2021) 107534.
Fatma El-Sayed, “Energies and E1, M1, E2, and M2 line strengths for Nb XXXIV”, Journal of Quantitative Spectroscopy and Radiative Transfer 261 (2021) 107440.
Fatma El-Sayed, “Energy levels and transition probabilities for transitions in Zr XXXV”, Journal of Quantitative Spectroscopy and Radiative Transfer 255 (2020) 107237.
Fatma El-Sayed, “Energy levels, wavelengths, and transition probabilities for transition in Pd XLII”, Journal of Quantitative Spectroscopy and Radiative Transfer 254 (2020) 107204.
Fatma El-Sayed and Z. S. Matar, “Energy Levels and Transition Rates for Ti XIV”, Physics of Particles and Nuclei Letters 16 (2019) 713-728.
Fatma El-Sayed and S. M. Attia, “Energies, Wavelengths, and Transition Probabilities in Sc XIII”, Physics of Atomic Nuclei 82 (2019) 583-598.
Fatma El-Sayed and S. M. Attia, “Energy Levels and Radiative Rates for Transitions in Mo XV”, Journal of Physics: Conference Series 869 (2017) 012002.
Fatma El-Sayed and S. M. Attia, “Energies, Wavelengths, and Transition Rates for Ga-Like Ions (Nd XXX-Tb XXXV)”, Journal of Applied Spectroscopy 83 (2016) 126-132.
Fatma El-Sayed, Manal Khered, and S. M. Attia, “Energies and Transition Rates for Be-Like Ions (Xe LI - Ce LV)”, European Physical Journal Plus 130 (2015) 104.
Fatma El-Sayed, “Energy Levels and Transition Rates for Ga-Like Ions (Xe XXIV-Pr XXIX)”, Journal of Applied Spectroscopy 82 (3) (2015) 487-493.
Fatma El-Sayed, “Energy Levels, Lifetimes, and Transition Probabilities for Mn XII and Ge XIX”, Atomic Data and Nuclear Data Tables 100 (2014) 1250-1276.

Fatma El-Sayed, “Energies, Wavelengths, and Multipole Transition Probabilities for B-like Fe, and Ga ions”, Atomic Data and Nuclear Data Tables 99 (2013) 545-579

Fatma El-Sayed, “Energy Levels and Radiative Rates for Transitions in Ga XXIV”, Atomic Data and Nuclear Data Tables 98 (2012) 720-778

O. Nagy and Fatma El-Sayed, “Energies, Wavelengths and Transition Probabilities for Ge-like Kr, Mo, Sn, and Xe ions”, Atomic Data and Nuclear Data Tables 98 (2012) 373-390.

O. Nagy and Fatma El-Sayed, “Relativistic Atomic Data for Lines in Ge-Like Sm and Eu Ions”, Journal of Physics: Conference Series 388 (2012) 152001.

Teaching Experience

- Quantum Mechanics (1)
- Quantum Mechanics (2)
- Advanced Quantum Mechanics
- Classical Mechanics (1)
- Classical Mechanics (2)
- Computational Physics (1)
- Computational Physics (2)
- Atomic Physics (1)
- Atomic Physics (2)
- Plasma Physics