

CURRICULUM VITAE

IDENTIFICATION DATA

Name: ANWER AHMED MOHAMMED AL-SAMMARRAIE
Position: Instructor
Department of Chemistry,
College of Education,
University of Samarra
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BIODATA

Gender/Citizenship: Male / Iraq
Date of birth: June 25, 1974
Place of birth: Baghdad, Iraq
Nationality: Iraqi
Religion: Muslim
Marital status: Married, three children's
Passport No: G 3052945 – IRQ

HOME ADDRESS IN

Al-Qaddisya Quarter, Samara, Selah Alden Governorate, Iraq
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DEGREES

2015	Ph. D. in the Theoretical Nuclear Physics University of Malaya-Faculty of Science Thesis title: Nuclear Shell Structure of Odd-A Magnesium Isotopes Within USDA Hamiltonian.
2002	M.Sc. in Physics University of Baghdad – College of Science Thesis title: Calculation of Gamma ray Build up Factor for the conical beam Using Monte Carlo Method GPA: Excellent (82.83%)“Cum Laude”
1988	B.Sc. in Physics, University of Baghdad – College of Science GPA: Excellent (70.159%)
1991	Baccalaureate Scientific branch, Iraq

PROFESSIONAL EXPERIENCE

Vocational

Since 2005	Lecturer in computing science, College of Education – Samarra, Tikrit University
2004–2005	Lecturer in Programming Language (Visual basic), College of Education – Samarra, Tikrit University
2002–2004	Lecturer in Electric devices measurement, Al – Dour Technology Institute

TEACHING INTERESTS

- Physics
 - Mathematics
 - Programming Language
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RESEARCH INTERESTS

My main research area deals with **Theoretical Nuclear Physics** (**Nuclear Structure, Low-lying excited energy states.**

RESEARCH EXPERIENCE

- Since 09/2011 **Ph.D. student**, Department of Physics, Faculty of Science,
University of Malaya, Kuala Lumpur, Malaysia
- 2002–2011 **Researcher**, University of Baghdad –College of Science, Iraq

MAIN JOURNAL PUBLICATIONS

1. A. A. Okhunov, F. I. Sharrad, Anwer A. Al-Sammarraie, and M. U. Khandaker in *Correspondence between phenomenological and IBM-1 models of even isotopes of Yb*, **Chinese Physics C**, Vol. 39, No. 8, pp. 084101, (2015)
2. Anwer A. Al-Sammarraie, Fadhil I. Sharrad, A. A. Aziz, Norhasliza Yusof, and Hasan Abu Kassim, in *Application of USDA and SDBA Hamiltonians in calculating the excited states of odd-A magnesium isotopes*, **The European Physical Journal Plus**, Vol. 129, pp. 125, (2014)
3. Khalid S. Jassim, Anwer A. Al-Sammarraie, Fadhil I. Sharrad, and Hasan Abu Kassim, in *Elastic and inelastic electron-nucleus scattering form factors of some light nuclei: (23Na, 25Mg, 27Al, and 41Ca)*, **Physical Review C**, Vol. 89, pp. 014304, (2014)
4. Abdurahim A Okhunov¹, Anwer A M Al-Sammarrae; and G.Turaeva¹ in *Energy Properties of rotational bands of ¹⁷⁰⁻¹⁷⁴Yb isotopes*, **Journal of Physics: Conference Series**, Vol. 553, pp. 012011, (2014)
5. A.A. Okhunov, **A.A.M. Al-Sammarraie** and H. Abu Kassim in *Magnetic properties of rotational bands in ¹⁶⁰Dy and ¹⁷⁰⁻¹⁷⁴Yb isotopes*, **Journal of Physics: Conference Series**, Vol. 435, pp. 012030, (2013)
6. F.M. Mohammed, **A.A. Mohammed** “Mass and Linear Attenuation Coefficient Measurement for the Zn and Al Minerals and Computing Energy Average Emitted for X-Ray”, // *Tikrit Journal of Pure Science*, Vol. 13(3) (2008).
7. A.B. Kasim, **A.A. Mohammed** “Calculation of Gamma ray Build up Factor for the conical beam Using Monte Carlo Method”, // *Tikri Journal of Pure Science* (2005).
8. **A.A. Mohammed** “Body –Absorption Relative Dose Computing via Shielding the Cs Element”, // *Surra man Ra’a*, Vol. 2(2), p.146 (2004).

CONFERENCE PAPERS

1. A.A. Okhunov, **A.A.M. Al-Sammaraie** and H. Abu Kassim “Magnetic properties of rotational bands in ^{160}Dy and $^{170-174}\text{Yb}$ isotopes” //4th *international conference on advancement in science and technology2012 (i-cast 201 2)*, Kuantan, Malaysia, 07-10 November, 2012
2. A.A. Okhunov, **A.A.M. Al-Sammaraie** and H. Abu Kassim “Mixing of Rotational band states in and $^{170,172,174}\text{Yb}$ isotopes” //5th *Saudi Science Conference 2012 (i-cast 201 2)*, King Abdullah Bin Abdul Aziz Al Saud University, Saudi Arabia, 16–18 April, 2012.
3. **Anwer A. Al-Sammarraie**, F. I. SHARRAD and H. ABU KASSIM” Nuclear structure for ^{24}Mg within sd-shell model space Hamiltonians”// *4th International Conference on Functional Materials & Devices 2013 (ICFMD - 2013)* - 8th April to 11th April 2013.

COMPUTER SKILLS

OS: Microsoft Windows XP/Vista
Programming: FORTRAN, Visual Basic, HTML

LANGUAGES

- Arabic:: excellent
- English: good
- Malaya: fair

INTERESTS

Reading Scientific and historical books
Learning science, languages, programming