

C.V.



Name Hesham Mohamed Mohamed mansour

Date and place of Birth : 5.10.1944 - Giza

Nationality : Egyptian

Full Address : Physics Department, faculty of Science, Cairo
University, Giza, Egypt

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Telephone No. : 37165587 00202

Occupation : Professor of theoretical physics

Languages known and used : Arabic, English and French

Degrees : 1964 B.Sc. in physics and Mathematics
(Distinction with honors) at Cairo university
1969 M.Sc. in theoretical nuclear physics (low energy
nuclear reactions Ain-Shames University)
1977 Ph.D. in theoretical physics (Green's function

technique applied in atomic, nuclear and particle physics) University of London

Scientific employment:

1964 – 1972	Demonstrator	Cairo university
1973 – 1977	Part time demonstration	Univ. of London
1972 – 1977	Assistant lecturer	Cairo Univ.
1977 – 1983	Lecturer	Do
1983 – 1988	Associate professor	Do
1988 till now	Full Professor	Do

Teaching duties:

Have been involved in teaching several courses for under graduate and postgraduate students e.g. optics, Electromagnetism, Quantum mechanics, statistical physics, nuclear and particle physics, High energy collisions, collision theory, atomic physics, Quantum field theory, group theory, Mathematical physics, numerical analysis, Fortran language,

Special theory of relativity, heat and thermodynamics and plasma physics. In the University of London Have been involved in part time teaching of mathematics, physics and undergraduate laboratories.

Also, I wrote several notebooks for undergraduate students at the physics department Cairo university and its branch in El-Fayoum on (optics, atomic physics, nuclear physics and mathematical physics 1982), electricity and magnetism as well as radiation physics (2002);electromagnetism for second year students(2005), and a notebook on the experiments given to second year students at the laboratory where some new experiments were suggested (1969).

I have also introduced new teaching methods using famous multimedia for theoretical and experimental teaching.

Research Work:

Have published my work in national and international journals (Egypt, England, USA, Italy, Germany, Poland, Saudi Arabia, Taiwan, India, Singapore, Ukrainia, Slovakia ,Russia and Hungary) on several interesting and advanced fields of study in atomic, nuclear and particle physics (see the list of publication).Also I have been cooperating with scientists from different Egyptian universities, from England, from Germany, from USA and from India.

Memberships:

- Member of the Egyptian physical society and have been the treasurer for two years, presently one of the editorial board.

- Member of the Mathematical and physical society of Egypt and have been the secretary of the society for two years, presently one of the editorial board.
 - Have been a member of the Institute of physics of Great Britain.
 - presently a member of APS with APS No.61193230,FIP forum
 - Fellow of the Institute of Physics Membership ID Number: **1165855**
 - Have been a member of ARABEN and have been on the board of its journal and the vice editor for three years.
 - Have been a member of the Egyptian society of solid state physics.
- Also presently a member of
1. The Egyptian Center for Theoretical Physics (ECTP),
 2. World Laboratory Cosmology And Particle Physics (WLCAPP) and
 3. Federation for Egyptian Particle Scientists (FEPS).
- Academic Member of the Athens Institute for Education and Research

Refereeing:

- Currently a referee and an Editor in the American Journal of Astronomy and Astrophysics (USA).
<http://www.sciencepublishinggroup.com/journal/editorialboard.aspx?journalid=301>
- Currently a referee and an Editor in Open Journal of Modern Physics,
<http://www.scipublish.com/journals/MPHY/editorials>
- Currently a referee and an Editor in the Journal of nuclear and particle physics (USA).
<http://www.sapub.org/Journal/editorialboard.aspx?journalid=1029>

- Member of Karbala International Journal of Modern Science
Elsevier publications Advisory Board,
<http://www.journals.elsevier.com/karbala-international-journal-of-modern-science/editorial-board/>
- Have refereed several works for M.Sc. and Ph.D. Also have refereed research works for various conferences and Journals in Egypt, Jordan, Saudi Arabia ,Iraq,Yemen and Palestine.
- Recently have refereed for the following journals a:Canadian journal of physics ,b:international journal ,c:Int j. of mod.Phys
- Have been consulted on the promotion work for lecturers and associate professors in Egypt and abroad (Jordan, Saudi Arabia,Palestine ,Iraq and Yemen).
- Presently a member of the committee for the promotion of professors in Egypt.
- Have supervised and helped many students in their study to obtain an M.Sc. (10 research students) or to obtain a Ph.D. degree (11 research students) in different Egyptian universities.

Some of those students have become a full professor and some of them took good posts at their institutes.

- Have been a member of the committees to review the work of scientist who apply for the Cairo university prize (encouragement prize).
- a member of the committees to review the work of scientist who apply for the (Government encouragement prize).
- Have been a reviewer of an international July SCI conference in the United States Orlando Florida 2005.

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Conferences:

- Have attended several conferences in physics in, England, France, Italy, Germany, Egypt, Libya, Jordan, Pakistan, Ukrainia, USA, Russia, Japan, Algeria, Lebanon, India, Malaysia, China and Greece. Such Conferences were on: Atomic physics, High energy physics, Nuclear physics, Physics education, Computer science, Mathematical physics, Laser physics, Nanotechnology, Solid state Physics. In those conferences I gave lectures to present my work and in some of them I was given the honor to chair some sessions.
- Have been invited to visit the international center for theoretical physics (Trieste – Italy) for ten years to attend workshops on high energy physics, plasma physics, nuclear physics, and to cooperate with scientists in the center and have published several works in the center prior to their publication in scientific journals.
- Have been invited to give a colloquium at the University Of Texas A&M University USA.
- Also have shared the organization of local conferences in Egypt on atomic physics, particle physics, High energy Physics, physics education and new trends in physics.e.g.the recent one's are:
 1. Third WLCAPP International Conference on “Primordial QCD Matter 2014”, 24-28Nov. 2014, Cairo-Egypt, Cambridge Scholars Publishing,**2014**

2. Second FEPS/WLCAPP International Conference on “Primordial QCD Matter in LHC Era: Implication of LHC Results on the Early Universe”, 10-14 Feb. 2013, Cairo-Egypt, Cambridge Scholars Publishing, **2013**
3. Egypt Physics 2013, 1-5 Sep. 2013, Sharm Al Shaikh, Egypt, Cambridge Scholars Publishing, **2014**

- Member of the organizing committees of the following conferences:

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| 1 | 21-24 March
2016 | <u>9th Annual International Conference on Mediterranean Studies</u> |
| 2 | 16-19 May
2016 | <u>Annual International Conference on Research, Education and Teaching by Russian Academics</u> |
| 3 | 13-16 June
2016 | <u>3rd Annual International Conference on Demography and Population Studies.</u> |
| 4 | 13-16 June
2016 | <u>A Panel on the Current Refugee and Migration Crisis in the Mediterranean Basin</u> as part of the <u>3rd Annual International Conference on Demography and Population Studies</u> |
| 5 | 13-16 June
2016 | <u>2nd Annual International Conference on Anthropology</u> |
| 6 | 13-16 June
2016 | <u>International Conference on Interdisciplinary Studies</u> |
| 7 | 13-16 June
2016 | <u>A Panel on Teacher Training</u> as part of the <u>International Conference on Interdisciplinary Studies</u> |
| 8 | 20-23 June
2016 | <u>2nd Annual International Conference on Foresight.</u> |

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| 9 | 27-30 June 2016 | <u>3rd International Conference on Turkey and Turkish Studies</u> |
| 10 | 27-30 June 2016 | <u>A Panel on Turkish Architecture</u> as part of the <u>3rd International Conference on Turkey and Turkish Studies</u> |
| 11 | 11-14 July 2016 | <u>4th Annual International Conference on Ecology, Ecosystems and Climate Change.</u> |
| 12 | 11-14 July 2016 | <u>4th Annual International Forum on Water</u> |
| 13 | 11-14 July 2016 | <u>A Panel on Water and Waste Budget in Aquaculture</u> as part of the <u>4th Annual International Forum on Water.</u> |
| 14 | 18-21 July 2016 | <u>4th Annual International Conference on Physics</u> |

Students and social activities:

- I have been involved in several activities related to the student's social (and scientific) activities in the university in scouting (leader for three years) and the cultural society (leader for three years). Also the local student wall journal. I've also been responsible about the management and direction of the departmental library for three years .
- I've submitted a proposal to the national program "Intilac". Have attended the workshop of Intilac 13-15 Dec.2015 on the national program for specialized technological incubators(ASRT).

AWARDS:

- Have been awarded an Egyptian fellowship to England for a Ph.D. study.
- Have been invited to visit a German university (Kaiserslautern) and awarded a DAAD fellowship for three month in 1980 (two publications)
- Have been invited to visit another university in Tübingen (Germany) for three month (November 2003) (One publication) (enclosed are the recommendation letters).
- Have been invited to visit CERN at Geneva Switzerland for one week 1985 and for one month 1986.
- Scientific Publications Award prize, Misr El-Kheir Foundation, Egypt, 2014. Egypt (Work No. 78 in my list of publication)
 - My Biographical Data are given in: Who's Who in the World (Marquis)

Cooperation:

- Have been in cooperation with the UNESCO office in Cairo and have obtained a complete copy of the teaching program of CUPS on physics, such multimedia has been used for teaching undergraduate students as well as postgraduate ones.
- Have been a member of an Egyptian American project for the enhancement of physics education by teaching virtual physics in the lectures and in the laboratories. Have bought all the necessary equipments for such a project with a total sum of 250,000 Egyptian pounds to be used in the University of Cairo and as a result of that a

virtual lab has been established for first year students at both of the physics departments in Cairo University and El-Fayoum branch.

- Because of the cooperation with the University of Tübingen a student has been sent to study for a PhD program and he finished it.
- Have been a member of a project by HEEP Program on the enhancement of physics education.
- Have been invited as a visiting professor for one week in Texas A&M university U.S.A. 2005 to give a colloquium.
- Have been awarded the prize of the best M.Sc. thesis in the university of Cairo for the year 2011. This thesis has been published as a book.
- Cooperation with international organizations is already established with some of our students are studying there in STAR (recently I am a member and I have one student working with them). Also, a cooperation with ALICE and NICA where our students benefit from their visits to such organizations.
- Currently the PI and spokesman of a joint Egyptian-JINR international cooperation on "gluon structure of nuclei" with prof. Anatoly Kotikov as the PI of the Russian side (ASRT).
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BOOKS Published:

1- Hend Mohammed El Sayed Saad , Hesham Mohamed Mohamed Mansour , Moustafa Aziz Abdel Wahab , "**Analysis of Reactivity Induced Accidents in Power Reactors [Paperback]** ", LAP Lambert Academic Publishing GmbH & Co., Saarbrücken, Germany.

- **ISBN-10:** 3639515552
- **ISBN-13:** 978-3639515558. (2013), Book at Amazon.com
- <http://www.amazon.com/Analysis-Reactivity-Induced-Accidents-Reactors/dp/3639515552>

2- * Nady Bakhet , Hesham Mansour, " **New Neutral Heavy Particles at the LHC's CMS by MonteCarlo Simulation [Paperback]**", LAP Lambert Academic Publishing GmbH & Co., Saarbrücken, Germany.

ISBN-10: 3659425311

ISBN-13: 978-3659425318. (2013), Book at Amazon.com

- <https://www.morebooks.de/store/gb/book/new-neutral-heavy-particles-at-the-lhc-s-cms-by-montecarlo-simulation/isbn/978-3-659-42531-8>

3- Hesham mansour, Mohamed El emam helaly and Ahmed khalil "Study on the Improvement of the Stability of the Laser System Used at Helwan Satellite Laser Ranging (SLR) Station"

<https://www.morebooks.de/store/gb/book/study-on-the-improvement-of-the-stability-of-the-laser-system-used/isbn/978-3-659-54300-5>

ISBN: 2015

978-3-659-54300-5

Editor:

ddaniels

4- Eed M. Darwish and Hesham M. Mansour

**"Coherent π -Production off Deuteron Near η -Threshold
A Theoretical Overview"**

ISBN:

978-3-659-81398-6

2015

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Chemistry & Physics
Abstracts
3rd Annual International
Conference on Chemistry &
Physics, 20-23 July 2015,
Athens, Greece

Edited by Gregory T. Papanikos

First Published in Athens, Greece by the Athens Institute for Education and
Research.

ISBN: 978-960-598-021-4

Page 49.2015; <http://www.atiner.gr/abstracts/2015ABST-PHYCHE.pdf>

6- 2D *Versus* 3D Treatment Planning Systems For Bladder and Breast
Tumor,By

Hesham Mansour And Aida Tolba Radwan

ISBN: 978-3-659-81827-1

2015

LIST OF PUBLICATION:

No.	Reference	ISSN	IF	CIT .
1.	M. El-Khishen and H.M.M. MANSOUR; “Effect of from factors on high energy neutrino reactions”, Acta Phys. Hung. <u>30</u> , 93 (1971).	0231-424x	0.882	
2.	M. El-Khishen and H.M.M. MANSOUR: High energy neutrino reactions through intermediate boson”, Annalen der Physik, Folge 7, Band 27, 145 (1971).	33804	3.048	

3.	<p>H.M.M. MANSOUR and K. Higgins; “On the lifetimes of the excited states of the exotic atoms”, Nuovo Cim. <u>36A</u>, 196 (1976).</p> <p>This work has been cited in "Lecture Notes in Physics"Vol 570,2001.(The hydrogen atom: Precision physics of simple atomic systems)Editor: Savely G. Karshenboim.ISSN 0075-8450,Springer Verlag Berlin.</p> <p>Chapter</p> <p>Elementary Relativistic Atoms</p> <p>Leonid Nemenov Series: » Lecture Notes in Physics 2001, The Hydrogen Atom, 223-245</p> <p>Also Cited in,specialist periodical reports, Photochemistry vol.9 p5Ref.16</p> <p>Edited by D.Bryce Smith</p>	0369-3546	1.49	2
4.	<p>H.M.M. MANSOUR and K. Higgins; “The decay rate of $^3\text{H}_\Lambda$”, Nuovo Cim. <u>51A</u>, 180 (1979).</p>	0369-3546	1.49	
5.	<p>H.M.M. MANSOUR and K. Higgins; “Relativistic treatment of the claculation of the binding energy of the triton”, J. of Phys. <u>G6</u>, 667 (1980).</p>	0954-3899	2.777	

	<p>THE FIRST ATTEMPT TO SOLVE A RELATIVISTIC THREE BODY PROBLEM IN THE WORLD.</p> <p>This work is cited in a book</p> <p><i>www.wiley-vch.de/books/info/0-471-35633-6/toi99/ref3/ref80m.pdf</i>, Ref. 80Ma22</p>			
6.	<p>M.M. Bakri and H.M.M. MANSOUR; "The relativistic two-fermion equations (I)", Acta Phys. Pol. <u>B11</u>, 413 (1980). ICTP1979128 Int.Rep.</p>	0587-4254	0.85	
7.	<p>M.M. Bakri and H.M.M. MANSOUR; The relativistic two-fermion equations (II)", Acta Phys. Pol. <u>B11</u>, 543 (1980). ICTP1979138 Int. Rep. (References 6,7 have been cited in a book by Walter T.Grandy,Jr. 1990,in his book on Relativistic quantum mechanics of leptons and fields)</p>	0587-4254	0.85	
8.	<p>NEW WAVE EQUATION FOR THE RELATIVISTIC TWO-BODY PROBLEM BAKRI M.M., MANSOUR H.M.M.,ICTP Int.Rep. 1979 141</p>			
9.	<p>M.Y.M. Hassan and H.M.M. MANSOUR; Relativistic calculation of polarized nuclear matter", Acta Phys. Pol. <u>B11</u>, 629</p>	0587-4254	0.85	

	(1980). ICTP1979107 Int.Rep.			
10.	S.A. El-Kazzaz and H.M.M. MANSOUR; “Radiation flux at a scintillation crystal from radioactive sources of different shapes” proc. Of the Math. And Phys. Soc. of Egypt, <u>49</u> , 147 (1980).			
11.	V.A. Attia, M.S.I. El-Dessouky, H.M.M. MANSOUR and R.N. Haroun; “Some surface properties of single crystals of cadmium selenide”, Egyptian Journal of Solids, <u>1</u> , 295 (1980).			
12.	H.M.M. MANSOUR and H.J.W. Muller- Kirsten; “Matching of WKB solutions to other solutions”, Phys. Rev. <u>D24</u> , 1033 (1981).	1550-7998	4.643	3
13.	H.M.M. MANSOUR and H.J.W. Muller- Kirsten: “Perturbative technique as an alternative to the WKB method applied to the double well potential”, J. of Math. Phys. <u>23</u> , 1835 (1982). This work has been cited in a recent book of quantum mechanics "Introduction to quantum mechanics:Schrodinger’s equation and path integral By Harald J.W.Muller- Kirsten P247(2006).	0022-2488	1.243	4

14.	M. Samiullah and H.M.M. MANSOUR; “Duffin-Kemmer formulation of spin one-half particle gauge theory”, Proc. Of the Math. And Phys. Soc. of Egypt. <u>56</u> , 9 (1983). ICTP 1981012 Int. Rep.			
15.	M.A. Abdul Momen; H.H. Aly and H.M.M. MANSOUR; “Eigenvalues obtained by perturbation, exact and numerical methods for short-range potentials”, Arab Gulf J. Science Res. <u>1</u> , 521 (1983).	1015-4442	0.047	
16.	M.A. Adul Momen, H.H. Aly and H.M.M. MANSOUR : Harmonic confining potentials in the Bethe-Salpeter equation”, Delta Journal of Science, <u>8</u> , 47 (1984).			
17.	H.M.M. MANSOUR and S.A. Hager; “Relativistic corrections for polarized nuclear matter”, Bull. Fac. Sci. Zagazig University, <u>6</u> , 540 (1984).			
18.	H.M.M. MANSOUR; “Hadron decay processes and the quark model”, Bull. Fac. Sci. Zagazig University, <u>6</u> , 548 (1984).			
19.	H.M.M. MANSOUR, H.H. Aly and M.A. Abdul Momen; “Fractional power potentials and quark confinement”, Egyptian Journal of Physics, <u>16</u> , 219			

	(1985).			
20.	J.W. Guirguis and H.M.M. MANSOUR; “Heavy ion potential for deformed nuclei applied to various systems”, Bull. Fac. Sci. Zagazig University, Egypt <u>Z</u> , 218 (1985).			
21.	H.M.M. MANSOUR; “Phase shift analysis for the N-D scattering (I) Central case”, Bull. Fac. Sci. Zagazig University, Egypt <u>Z</u> , 239 (1985).			
22.	H.M.M. MANSOUR; “Phase shift analysis for the N-D scattering (II) Noncentral case”, Bull. Fac. Sci. Zagazig University, Egypt <u>Z</u> , 271 (1985).			
23.	M.A. Abdul Momen, H.H. Aly and H.M.M. MANSOUR; “Eigenvalues obtained by perturbation and exact methods for short and long range potentials (II)”, Arab Gulf J. Science Res, <u>4</u> , 279 (1986).	1015-4442	0.047	
24.	M. Ismail, M. Rashdan, A. Faessler, M. Trefz and H.M.M. MANSOUR; “The effect of deformation on the nucleus-nucleus optical model potential and how it produces pockets”, Z. fur Physik, <u>A323</u> , 399 (1986). This work has been cited in a book “Physics of strong fields” Edited by	0018-9499	1.219	6

	<p>Walter Greiner Nato ASI Series, Series B, Physics; Vol. 153 page 524 Ref. 21.</p> <p>Also,</p> <p>In Physics of highly ionized atoms 1988 Edited by Richard Marus, Nato ASI Series, Series B, Physics Vol. 201 page 98 Ref. 18.</p> <p>Also,</p> <p>In Tests of Fundamental laws in Physics: Proceedings of the XXIVth Rencontre de Moriond 1989, Edited by O. Fackler & J. Tran Thanh Van Page 140 Ref. 25.</p>			
25.	<p>H.M.M. MANSOUR, M. Ismail, M. Osman and Kh. A. Ramadan; "The real part of the Interaction potential between two ^{238}U nuclei", Phys. Rev. <u>C34</u>, 1278 (1986).</p> <p>This work has been cited in a book "Physics of strong fields" Edited by Walter Greiner Nato ASI Series, Series B, Physics; Vol. 153 page 192 Ref. 37.</p>	5562 813	3.733	6
26.	<p>J.W. Guirguis and H.M.M. MANSOUR; "Pockets in heavy ion potential for deformed nuclei", Delta Journal of Science <u>10</u>, 770 (1986).</p>			

27.	Th.M. El-Sherbini, A.A. Farag, H.M.M. MANSOUR and A.A. Rahman; "Electric dipole oscillator strength and radiative lifetimes in the Boron isoelectronic sequence", Annalen der Physik, Folge 7, Band 44, Heft 6, 412 (1987). ICTP1985138 Int.Rep.	33804	3.048	
28.	Th.M. El-Sherbini, H.M.M. MANSOUR, A.A. Farag and A.A. Rahman; "Hartree-Fock energies of the doubly excited states of the Boron isoelectronic sequence", Annalen der Physik, Folge 7, Band 44, Heft 6, 419 (1987). ICTP1985137 Int.Rep.	33804	3.048	2
29.	H.M.M. MANSOUR, M. Ismail, M. Osman and Kh. A. Ramadan; "Thermal modified Thomas-Fermi approximation with the Skyrme interaction for the ^{208}Pb - ^{208}Pb system", Acta Phys. Polonica B19, 325 (1988).	0587-4254	0.85	
30.	Th.M. El-Sherbini, A.A. Farag, H.M.M. MANSOUR and A.A. Rahman; "Energy levels of doubly excited states in magnesium isoelectronic sequence", Acta Phys. Polonica <u>A73</u> , 631 (1988).	0587-4254	0.85	
31.	H.M.M. MANSOUR, M.Y.M. Hassan and S. Ramadan; 'Skyrme interaction and the			

	properties of cold and hot neutron matter". Nucl. Sci. J. <u>25</u> , 1 (1988). ICTP1986200 Int.Rep.			
32.	Th.M. El-Sherbini, H.M.M. MANSOUR, A.A. Farag and A.A. Rahman; "Electric dipole oscillator strength and radiative lifetimes in the magnesium isoelectronic sequence", Annalen der Physik. Folge 7, Band 45, Heft 7, 498 (1988). ICTP1986290 Int.Rep.	33804	3.048	
33.	H.M.M. MANSOUR, J.W. Guirguis, M.I. Abdel-Mageed and S.A. Hager; "Polarized neutron matter using a modified Skyrme interaction", Bull. Fac. Sci. Assiut University, Egypt, <u>17</u> , 27 (1988).			
34.	M. Osman, H.M.M. MANSOUR, M. Ismail and M.I. Waly; "Kinetic energy contribution to the nucleus-nucleus potential", Bull. Fac. Sci. Assiut University, Egypt <u>17</u> , 15 (1988).			
35.	M. Osman, H.M.M. MANSOUR, M. Ismail and Y.A. Lotfy; "Systematic study of the optical potential using M3Y force", Nucl. Sci. J. <u>26</u> , 23 (1989).			1
36.	Th.M. El-Sherbini, H.M.M. MANSOUR, A.A. Farag and A.A. Rahman; "Energy	33804	3.048	

	levels of the single excited states in the magnesium isoelectronic sequence”, Annalen der Physik, 7 Folge, Band 46, Heft 2, 144 (1989).			
37.	Th.M. El-Sherbini, H.M.M. MANSOUR, A.A. Farag and A.A. Rahman; “Energy levels of the single excited states in the Boron isoelectronic sequence”, Annalen der Physik, 7 Folge, Band 46, Heft 2, 105 (1989). ICTP1986242 Int.Rep.	33804	3.048	
38.	H.M.M. MANSOUR; “Spin instability in nuclear matter and the Skyrme interaction”, Annalen der Physik, 7 Folge, Band 46, Heft 4, 241 (1989).	33804	3.048	
39.	H.M.M. MANSOUR J.W. Guirguis, M.I. Abdel-Mageed and S.A. Hager; “Neutron matter properties using Skyrme interaction”, Annalen der Physik, 7 Folge, Band 46, Heft 4, 260 (1989).	33804	3.048	
40.	H.M.M. MANSOUR; J.W. Guirguis, M.I. Abdel-Mageed and S.A. Hager; “Relativistic corrections for polarized neutron matter”, Bull. Fac. Sci. Assuit University, Egypt <u>18</u> , 1 (1989).			
41.	H.M.M. MANSOUR; “Neutron matter and Skyrme forces”, Acta Phys. Polonica B <u>21</u> ,	0587-4254	0.85	3

	741 (1990).			
42.	H.M.M. MASNOUR, Jannette W. Guirguis and G.H. Hassan; "Total fusion excitation function using a factorized density dependent interaction", Nucl. Sci. J. <u>28</u> , 357 (1991).			
43.	H.M.M. MANSOUR, Jannette W. Guirguis and G.S. Hassan; "Total fusion excitation function using various potentials" Indian J. Phys. <u>67a</u> , 273 (1993).	0973-1458	1.377	1
44.	A STUDY OF LUMINESCENCE AND ABSORPTION PECTRA OF GAP, MANSOUR H.M.M., MOUNIR M., ABDEL WAHAB S.M., ICTP 1994221 Int. Rep.			
45.	S.A. Moharram, A.S. Shalaby, A.Y. Ellithi, M.Y.M. Hassan and H.M.M. MANSOUR "The effect of multiple scattering and density distribution on the elastic scattering of high energy electrons" Acta Phys. Pol. <u>B26</u> , 43 (1995).	0587-4254	0.85	
46.	M.Y.M. Hassan, H.M.M. MANSOUR and Z. Metawei: "Orientation dependence of the optical model potential for light nuclei" Acta Phys. Slovaca <u>46</u> , 25 (1996). ICTP1993387 Int. Rep.	3230 465	1.	2
47.	H.M.M. MANSOUR; "Lifetimes of the	3230	1.	

	exited states of the exotic atoms” Acta Phys. Slovaca <u>46</u> , 633 (1996).	465		

48.	H.M.M. MANSOUR, M. Hammad and M.Y.M. Hassan: “Polarized nuclear matter using extended Seyler Blanchard potentials” Phys. Rev. <u>C56</u> , 1418 (1997).	5562 813	3.73 3	9
49.	H.M.M. MANSOUR and Kh.A. Ramadan: “Polarized nuclear matter using a modified density dependent Seyler Blanchard potentials”; Phy. Rev. <u>C57</u> , 1744 (1998).	5562 813	3.733	6
50.	J.W. Guirguis, H.M. MANSOUR and M. Osman; “Fusion barriers using the energy density formalism with Skyrme forces”; Indian J. for pure and applied physics <u>36</u> , 498 (1998).	195596	0.76 3	
51.	Kh. A. Ramadan and H.M.M. MANSOUR; “Fusion cross section for	0973-1458	1.377	

	some reactions using different forms of M3Y force”; Indian J. of Physics <u>A73</u> , 383 (1999).			
52.	M.Y.M. Hassan, H.M.M. MANSOUR and Z. Metawei; “The abrasion cross section for $^{16}\text{O} - ^9\text{Be}$ and $^{16}\text{O} - ^{16}\text{O}$ reactions”; Egyptian J. of Phys. 30, 257 (1999).			
53.	M.Y.M. Hassan, H.M. MANSOUR and Z. Metawei; “The reaction cross section for $^{12}\text{C} - ^{12}\text{C}$ system”; Egyptian J. of Phys. 30, 331(1999).			
54.	Kh.A. Ramadan and H.M.M. Mansour: “Exchange effects in fusion reactions” Egyptian J. of Phys. 33, No1, 165 (2002).			
55.	H.M.M. Mansour and Kh.A. Ramadan: “Neutron matter properties using generalized Skyrme force” Int.J.of modern physics E, vol 11, No.5, 445 (2002).	2183 013	0.76 6	
56.	Kh.A. Ramadan and H.M.M. Mansour: “Nuclear matter properties using different sets of parameters of Gogny interaction” Int. J. of modern physics E, vol. 11, No2, 143 (2002).	2183 013	0.76 6	

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