

Liste des productions scientifiques(publication, communication,...)

Année 2021

Etablissement Universitaire: Université 8 Mai 1945 Guelma

Faculté: Mathématiques, Informatique et Science de la matière

Laboratoire: Physique Des Matériaux (L2PM)

Productions Scientifiques 2021								
Publications								
	Titre	Auteurs	Revue	Année	Catégorie de la revue: A+, A, B-Scopus, B-non Scopus, non classée	Volume	Page	URL
Publications nationales	Ab initio calculations of structural and electronic properties of tungsten doped rock-salt MgO	Wissem Tayeb Halais Sabah Chettibi	Algerian Journal of Engineering, Architecture and Urbanism	2021	B-Scopus	Volume 5, Part 5, 2021	Pages 839-846	
	First principle investigation of Niobium (Nb) doped MgO	Wissem Tayeb Halais Sabah Chettibi	Materials today proceedings	2021	non classée	Volume 51, Part 7, 2022	Pages 2091-2095	<a href="https://www.sciencedirect.com/science/article/pii/S2214785321080251?via%3Dihub">https://www.sciencedirect.com/science/article/pii/S2214785321080251?via%3Dihub</a>
Publications internationales	Prediction of the Half Metallicity in Ferromagnetic Germanium Telluride (GeTe) Doped with Titanium	Zeyneb Abdelli Athmane Meddour Chahrazed Bourouis	Spin	2021	A	11	215-0003	<a href="https://ui.adsabs.harvard.edu/abs/2021Spin...1150003A/abstract">https://ui.adsabs.harvard.edu/abs/2021Spin...1150003A/abstract</a>
	Systematic, First Principle Study of Ambient Temperature Ferromagnetism and Elastic Anisotropy of Cubic Ca <sub>0.75</sub> TM <sub>0.25</sub> S (TM= Mn, Co, and Ni) Ternary Alloys: Using mBJ Functional	Ouafa Hamidane Athmane Meddour Mohammed Hadi Gous Chahrazed Bourouis	Journal of Superconductivity and Novel Magnetism	2021	A	34	179-192	<a href="https://link.springer.com/article/10.1007/s10948-020-05706-9">https://link.springer.com/article/10.1007/s10948-020-05706-9</a>
	First-Principles Calculations of Structural, Thermodynamic, and Elastic Properties of Lead Chalcogenides PbX (X= S, Se, and Te) in NaCl (B1) Phase	R Maizi R Ksouri A-G Boudjahem M Derdare	Russian Journal of Inorganic Chemistry	2021	A	66	2084-2090	<a href="https://link.springer.com/content/pdf/10.1134/S0036023621140023.pdf">https://link.springer.com/content/pdf/10.1134/S0036023621140023.pdf</a>
	First principles study of the structural, elastic, electronic and optical properties of the ternary alloys Ca <sub>0.75</sub> Zn <sub>0.25</sub> S and Ca <sub>0.75</sub> Zn <sub>0.25</sub> Se	Mohammed Hadi Gous B. Boutarfa H. Meradji A. Boumaza R. Khenata	Computational Condensed Matter	2021	A	29	e00600	<a href="https://www.sciencedirect.com/science/article/abs/pii/S235221432100071X?via%3Dihub">https://www.sciencedirect.com/science/article/abs/pii/S235221432100071X?via%3Dihub</a>

**Productions Scientifiques 2021**

**Communications**

<b>Titre</b>	<b>Auteurs</b>	<b>Intitulé de manifestation</b>	<b>Année</b>	<b>Proceeding de la conférence indexé dans Scopus ( oui /non )</b>	<b>Volume</b>	<b>Page</b>	<b>URL</b>
<i>Propriétés Structurales, Électroniques et magnétiques Du MgS dopé par MT=Fe, Mn</i>	<i>Esmâ Semassel Athmane Meddour Chahrazed Bourouis</i>	<i>1 ère Conférence Nationale sur la Physique des Matériaux et leurs Applications / Alger</i>	<i>2021</i>	<i>non</i>			
<i>The effect of tungstensubstition on optoelectronic properties of ceriumoxide</i>	<i>Aïcha Bouhlala Sabah Chettibi</i>	<i>1 ère Conférence Nationale sur la Physique des Matériaux et leurs Applications /Alger CNPMA'2021</i>	<i>2021</i>	<i>non</i>			
<i>Study Of The Effect Of The Gold Transition Metal On Magnesium Oxide: Theoretical Investigation</i>	<i>Wisssem Tayeb Halais Sabah Chettibi</i>	<i>National Conference on Mechanics &amp; Maintenance 15-16 November 2021</i>	<i>2021</i>	<i>non</i>			
<i>The origin of Half Metallicity in Rocksalt MgO doped with Cu : A density-functional study</i>	<i>Wisssem Tayeb Halais Sabah Chettibi</i>	<i>1ère Conférence Nationale sur la Physique des Matériaux et leurs Applications, CNPMA'2021, Alger, Algérie</i>	<i>2021</i>	<i>non</i>			
<i>Full potential investigation of the structural and electronic properties of Ni doping effects in Rock Salt MgO</i>	<i>Wisssem Tayeb Halais Sabah Chettibi</i>	<i>1ère Conférence Nationale sur la Physique des Matériaux et leurs Applications, CNPMA'2021 Alger, Algérie</i>	<i>2021</i>	<i>non</i>			
<i>Structural and electronic properties of MgO doped with Re transition metal</i>	<i>Wisssem Tayeb Halais Sabah Chettibi</i>	<i>1st National Conference on Applied Science and Advanced Materials NCASAM 2021 ENSET Skikda- Algeria</i>	<i>2021</i>	<i>non</i>			
<i>Calcul Des Propriétés Structurales, Électroniques Et Magnétiques Des Demi-Métaux À Base De</i>	<i>Warda Elaggoune Athmane Meddour</i>	<i>National Conference on Mechanics and Maintenance Boumerdes/Algeria</i>	<i>2021</i>	<i>non</i>			
<i>Influence du Dopage au Vanadium sur le Comportement du Semi-conducteur SrS</i>	<i>Warda Elaggoune Athmane Meddour</i>	<i>1ère Conférence Nationale sur la physique des matériaux et leurs applications (CNPMA'2021) U.S.T.H.B Alger/Algeria</i>	<i>2021</i>	<i>non</i>			
<i>STUDY OF STRUCTURAL, MECHANICAL AND OPTOELECTRONIC PROPERTIES OF CeO<sub>2</sub>: AB INITIO STUDY*</i>	<i>Aïcha Bouhlala Sabah Chettibi</i>	<i>1 st International Conference on Sustainable Energy and Advanced Materials / Ouargla</i>	<i>2021</i>	<i>non</i>			
<i>Computational determination of the magneto-electronic properties of Ce<sub>1-x</sub>Cu<sub>x</sub>O<sub>2</sub> (x=12.5%): Emerging materials for spintronic devices*</i>	<i>Aïcha Bouhlala Sabah Chettibi</i>	<i>1st International Conference on Computational &amp; Applied Physics – ICCAP/ Blida</i>	<i>2021</i>	<i>non</i>			

Communications nationales

Study of structural, electronic, magnetic properties of Cr doped MgS in Rock-Salt structure	Esma Semassel Athmane Meddour Chahrazed Bourouis	1st International Conference on Sustainable Energy and Advanced Materials IC-SEAM'21 April 21-22, 2021, Ouargla, ALGERIA	2021				
The magnetic and elastic properties of the Cr-doped MgS compound in Rock-Salt structure	Esma Semassel Athmane Meddour Chahrazed Bourouis	2ème Séminaire international sur les sciences de la matière (chimie, physique) Head office: A.N.E.A.U Association, U.S.T.Oran 31000, Algeria	2021				
First principle study of structural, electronic and magnetic properties of Molybdenum-doped CeO <sub>2</sub> '	Aicha Bouhlala Sabah Chettibi	2ème Séminaire international sur les sciences de la matière (physique et chimie) / Oran	2021	non			
Effects of Pd Substitution on the Electronic Structure and Magnetic Properties of CeO <sub>2</sub> Oxide'	Aicha Bouhlala	The 9th International Symposium on Applied Engineering and Sciences / Malisia	2021	non			
Investigation of Structural, Elastic and Thermodynamic Properties of CeO <sub>2</sub> : A DFT-Based on Simulation	Aicha Bouhlala	The 717. WE. Hereaeus Seminar on 'Curvilinear Condensed Matter, Fundamentals and Applications / Germany	2021	non			
Ab-initio study of the structural, magnetic and electronic properties of Ce <sub>0.75</sub> W <sub>0.25</sub> O <sub>2</sub> : spintronic application'	Aicha Bouhlala	The 725. WE. Hereaeus Seminar on 'Magnetic Small Angle Neutron Scattering from Nanoscale Magnetism to long-Range Magnetic Structures' / Germany	2021	non			
The role of transition metals (Mo, W) in magnetic properties of doped CeO <sub>2</sub> : First-principle characterization'	Aicha Bouhlala	The 726. WE. Hereaeus Seminar on 'Lattice-based Quantum Simulation' / Germany	2021	non			
Systematic study of structural and magneto-electronic properties	Warda Elaggoune Athmane Meddour	1st International Conference on Electronics, Artificial Intelligence, and new technologies Oum El Bouaghi/Algeria	2021	non			
Electronic structure and ferromagnetic properties of doped strontium sulfide Sr <sub>0.875</sub> TM <sub>0.125</sub> S (TM= Ti, V, and Cr)	Warda Elaggoune Athmane Meddour	1st International Visio Conference on Materials Science and Engineering (ICMSE) Khenchela/Algeria	2021	non			
First principles study of induced half-metallicity in SrS <sub>1-x</sub> C <sub>x</sub>	Warda Elaggoune Athmane Meddour	1st International Conference on Applied Engineering and Natural Sciences (ICAENS) Konya/Turkey	2021	non			

<i>N and P doping effects on structural, electronic, and magnetic</i>	Warda Elaggoune Athmane Meddour	<i>1st International Conference on Applied Engineering and Natural Sciences (ICAENS) Konya/Turkey</i>	2021	non			
<i>Structural and electro-magnetic properties of B- and C-doped SrS</i>	Warda Elaggoune Athmane Meddour	<i>2nd International Conference on Advances in Materials Science (AIMS2021) Lahore/Pakistan</i>	2021	non			
<i>Induced spin polarization in strontium sulfide doped with 2p elements</i>	Warda Elaggoune Athmane Meddour	<i>Séminaire International sur les Sciences de la Matière (Physique et Chimie) Oran/Algeria</i>	2021	non			
<i>Analysis of Electronic Structure and Magnetic Properties of Vanadium Doped Rock-salt SrS: Theory and Simulations</i>	Warda Elaggoune Athmane Meddour	<i>1st International Conference on Sustainable Energy and Advanced Materials (IC-SEAM'21) Ouargla/Algeria</i>	2021	non			
<i>Simulating Role of Chromium in II-VI (SrS) for Half-metallicity and Ferromagnetism</i>	Warda Elaggoune Athmane Meddour	<i>1st International Conference on Energy Transition and Security (ICETS'21) Adrar/Algeria</i>	2021	non			
<i>Computational Study of Dopage of Cr in Strontium Chalcogenide matrix for Energy Storage Applications</i>	Warda Elaggoune Athmane Meddour	<i>1st International Congress on Pure and Applied Sciences (ICPAS'21) Meknes/Morocco</i>	2021	non			
<i>Spin orbit studies of Electronic Structural and Elastic properties of MgO</i>	Sabah Chettibi Wissem Tayeb Halais	<i>The first International Conference on Energy, Thermo fluids and Materials Engineering, 1st ICETME, 18 – 20 December, 2021</i>	2021	non			
<i>First principle investigation of TM (Cr, Ni) doping on FeTe2 monolayer properties</i>	Chibani Hosay Yahi Hakima	<i>Séminaire International sur les Sciences de la Matière (Physique et Chimie)</i>	2021	non			
<i>For participating in AIMS 2021</i>	Hosayn Chibani	<i>2nd international conference on advances in materials science</i>	2021	non			
<i>The Electronic Structural and Elastic properties of MgO Based on GGA-mBJ and LDA-mBJ</i>	Wissem Tayeb Halais Sabah Chettibi	<i>1st International Conference on Sustainable Energy and Advanced Materials, IC-SEAM'21 April 21-22, 2021, Ouargla, ALGERIA.</i>	2021	non			

Communications internationales	Ab initio calculations of structural and electronic properties of tungsten doped rock-salt MgO	Wissem Tayeb Halais Sabah Chettibi	SÉMINAIRE INTERNATIONAL SUR LES SCIENCES DE LA MATIERE (PHYSIQUE ET CHIMIE) Le 17 et 18 Septembre 2021	2021	non			
	First principle investigation of the Niobium (Nb) doped MgO at Low Concentration	Wissem Tayeb Halais Sabah Chettibi	First Maghrebien Conference for Renewable Energies and their Applications, FMCREA21 October 26-27, 2021	2021	non			