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LANGUES

- Arabe 
- Français 
- Anglais 



FORMATION

1978 - 1983

Constantine, Algérie

DIPLÔME des études supérieures en physique du solide
Université de Constantine

1983 - 1987

Paris, France

DIPLÔME de docteur en sciences
Université de Paris XI-Orsay

Université Laarbi Ben Mhidi-Oum El Bouaghi

Enseignant universitaire (Maître assistant-Maître de conférences)

- Directeur adjoint chargé de la post-graduation

Université Abbes Laghrour Khenchela

Maître de conférences, Professeur

- *Directeur d'institut*
- *Vice-recteur chargé de la post-graduation et recherche sci.*
- *Président du conseil scientifique de la faculté ST.*
- *Directeur de l'université de la formation continue-Khenchela*
- *Responsable de la cellule assurance qualité*

Date 16/03/2024



scholar.google <https://scholar.google.fr/citations?user=isoox2oAAAAJ&hl=fr>

researchgate <https://www.researchgate.net/profile/Abdecharif-Boumaza>

Scientific Productions:

Book chapter

Cathodoluminescence, ISBN: 978-953-51-0362-2

Peculiarity of the Cathodoluminescence of Ipha- Alumina Prepared by Calcination of Gibbsite Powder or Generated by Oxidation of a Metallic FeCrAl Alloy

By Djelloul Abdelkader and Boumaza Abdecharif

<http://www.intechopen.com/articles/show/title/peculiarity-of-the-cathodoluminescence-of-alumina-prepared-by-calcination-of-gibbsite-powder-or-gene>

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A Boumaza, L Favaro, J Lédion, G Sattonnay, JB Brubach, P Berthet, ...
Journal of solid state chemistry 182 (5), 1171-1176

XPS, FTIR, EDX, and XRD Analysis of Al₂O₃ Scales Grown on PM2000 Alloy

K Djebaili, Z Mekhalif, A Boumaza, A Djelloul
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Experimental and ab initio infrared study of χ -, κ -and α -aluminas formed from gibbsite

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Journal of Solid State Chemistry 183 (4), 901-908

Specific signatures of α -alumina powders prepared by calcination of boehmite or gibbsite

A Boumaza, A Djelloul, F Guerrab
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A Malki, Z Mekhalif, S Detriche, G Fonder, A Boumaza, A Djelloul
Journal of Solid State Chemistry 215, 8-15

Characterization of precipitates in a 7.9 Cr–1.65 Mo–1.25 Si–1.2 V steel during tempering

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Relation between the residual stresses and the high-temperature oxidation resistance of superalloys protected by plasma-sprayed coatings. II

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Crystal structure and spectral of new hydrazine-pyran-dione derivative:
DFT enol \leftrightarrow hydrazone tautomerization via zwitterionic intermediate,
hirshfeld analysis and optical ...

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Parameters affecting oxide adherence in nickel based alloys and techniques
allowing estimation of adherence

AM Huntz, JG Zhao, A Boumaza, G Moulin
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Complex of 4-(2-aminophenyl)- 1, 2, 3-thiadiazole with 2, 3-dichloro-5,
6-dicyano-1, 4-benzoquinone: Experimental study and investigation
at different exchange-correlation ...

H Bougherara, R Kadri, M Kadri, M Yekhlé, A Boumaza
Journal of Molecular Structure 1223, 128855

Estimation of the intrinsic stresses in α -alumina in relation with its elaboration mode

A Boumaza, A Djelloul
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Peculiarity of the Cathodoluminescence of α -Alumina Prepared by Calcination
of Gibbsite Powder or Generated by Oxidation of a Metallic FeCrAl Alloy

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Cathodoluminescence

The effect of the natural raw barite and the dolomite material on borate glass formation

K Abdellaoui, A Ratep, A Boumaza, I Kashif, H Donya
Journal of Fundamental and Applied Sciences 10 (1), 281-300

Characterization by Photoluminescence and Raman Spectroscopy of the
Oxide Scales Grown on the PM2000 at High Temperatures

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A rhodanine derivative as a potential antibacterial and anticancer agent:

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A Guerraoui, M Goudjil, A Direm, A Guerraoui, İY Şengün, C Parlak, ...
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Characterization and antibacterial activity of gelatin-based film
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TI Imane Bouhanna, Abdelhalim Boussaa, Abdecharif Boumaza, Daniela Rigano ...
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Novel high/ultrahigh pressure structures of TiO₂ with low band gaps

AB D. Bedghioua, F. Hamza Reguig
Computational Materials Science 166, 303–310

Oxidation Behaviour of Superalloys Protected by Plasma Sprayed MCrAlYTa Coatings

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Key Eng. Mater. 20 (4), 3565-3576

Comparative study of thermal and compositional properties of Aïn M'lila dolomite, CaCO₃, and MgCO₃ using TG and FTIR analyses

K Abdellaoui, D Bedghiou, A Boumaza
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Structural, optical and thermal characterizations of lithium borate glasses containing the barite

K Abdellaoui, IZ Hager, HA Othman, A BOUMAZA, NT Kamoun
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Fatigue life prediction of welded box structures

H Zedira, J Gilgert, A Boumaza, P Jodin, Z Azari, G Pluvinage
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A Boumaza, AM Huntz,
Thèse, 1987, Orsay

Electrochemical urea biosensor based on *Proteus mirabilis* urease immobilized over polyaniline PANi-Glassy carbon electrode

S Atailia, A Baraket, S Rabai, M Benounis, N Jaffrezic, H Araar, ...
Electroanalysis 35 (9), e202200502

Effects of olive mill wastewater and olive mill pomace on soil physicochemical properties and soil polyphenols

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Performance of self-compacting concrete in hot arid climate

AB Hachemi BENADDI, Bouzidi MEZGHICHE, Mohamed SALHI
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Study of Chemical and Physical Characterization of the Natural Dolomite of Aïn Mila-Algeria

K Abdellaoui, A Boumaza, N Kamoun
Defect and Diffusion Forum 406, 481-491

Crystal structure and spectral of new hydrazine-pyran-dione derivative:
DFT enol \leftrightarrow hydrazone tautomerization via zwitterionic intermediate,
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G Abdenour, A Djedouani, E Jeanneau, A Boumaza, A Alsahme, ...
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Complex of 4-(2-aminophenyl) -1,2,3- thiadiazole with 2,3-dichloro- 5,
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at different exchange-correlation ...

AB Hadjer Bougherara, Rayene Kadri, Mekki Kadri, Mohamed Yekhlif
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CORROSION BEHAVIOR OF API N80 STEEL MATERIAL IN ALBIEN WATER

F Chelgham, N Bouzid, M Saidi, A Boumaza, A Taabouche, S Boudjema
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Etude et calcul des déformations thermoélastiques dans un solide anisotrope
par la méthode des éléments finis

S Bouzid, A Boumaza
université Oum-El-Bouaghi

Temperatures field calculation in an anisotropic solid through finite elements
method, tridimensional case

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