

Journal of Materials and Engineering Structures

ISSN - Online : 2170-127X

Mouloud Mammeri University of Tizi-Ouzou

ⵜⴰⵎⴰⵎⵎⵉⵔⵉⵜ ⵏ ⵜⴰⵣⵣⵓⵔⵉⵜ ⵏ ⵜⴰⵎⴰⵎⵎⵉⵔⵉⵜ ⵏ ⵜⴰⵣⵣⵓⵔⵉⵜ

جامعة مولود معمري تيزي وزو



*Volume 2, Issue 4
December, 2015*

**RESEARCH REVIEW of
Sciences and Technologies**



RESEARCH REVIEW OF SCIENCES AND TECHNOLOGIES

EDITEUR

Université Mouloud MAMMERI de Tizi-Ouzou, représentée par son Recteur le Professeur Saïd Ouardane

BP 17 RP 15000, Tizi-Ouzou

Tél : 026 21 89 95 - 026 21 53 14 - 026 41 07 78

Fax : 026 21 29 68

Courriel : univ_tizi@mail.ummtto.dz

Site internet : <http://www.ummtto.dz>

Responsables de la rédaction

Dr. Farid ASMA, Responsable des revues en ligne, Research Review of Sciences and Technologies, Editeur en Chef, UMMTO, Algérie

Dr. Hocine HAMMOUM, Editeur en Chef Associé, UMMTO, Algérie

Assistants éditoriaux / Editorial Assistants

Melle. Djamila MANSOUR, Assistante informatique, conception et réalisation

Mr. Saïd CHEKLAT, Assistant informatique, réseau et design

Email: rrst@ummtto.dz

<http://revue.ummtto.dz>

RESEARCH REVIEW of
Sciences and Technologies

JOURNAL OF MATERIALS AND ENGINEERING STRUCTURES « JMES »

COMITÉ EDITORIAL/EDITORIAL BOARD

Editeur en Chef/Editor in Chief

- Dr. Farid ASMA, Université Mouloud Mammeri de Tizi-Ouzou, Algeria

Editeur en Chef Associé/Associate Editor in Chief

- Dr. Hocine HAMMOUM, Université Mouloud Mammeri de Tizi-Ouzou, Algeria

Comité Scientifique /Scientific Committee

- Pr. Hakim S. ABDELGADER, Department of Civil Engineering, Tripoli University, Tripoli, Libya
- Dr. Sidi Mohammed AISSA MAMOUNE, Centre universitaire d'Ain Temouchent, Algeria
- Pr. Abdenour ALLICHE, Université Paris 6, France
- Pr. Ouali AMIRI, Université de Nantes, France
- Dr. Ahmed BENAMAR, Université du Havre LOMC UMR 6294 CNRS, France
- Pr. Laurent BLERON, Ecole Nationale Supérieure d'Arts et Métiers, France
- Pr. Mokhtar BOUNAZEF, Université de Sidi Bel Abbès, Algeria
- Dr. Mohand CHAOUICHE, Ecole Normale Supérieure de Cachan, France
- Pr. Kamel CHAOUI, Université d'Annaba, Algeria
- Pr. Hélène DUMONTET, Université Pierre et Marie Curie de Paris 6, France
- Pr. Khalil EL-HAMI, University of Hassan 1, Faculty of Khouribga, Morocco
- Pr. Abdellatif IMAD, Ecole Polytechnique Universitaire de Lille, France
- Dr. Xiaopeng HUANG, Massachusetts Institute of Technology, Cambridge, USA
- Pr. Moussa KARAMA, Ecole Nationale d'Ingénieurs de Tarbes, France
- Pr. Jamal KHATIB, Faculty of Science and Engineering, University of Wolverhampton, UK
- Pr. Abdelhafid KHELIDJ, Université de Nantes, France
- Pr. Fekri MEFTAH, Université de Cergy-Pontoise, France
- Dr. Taghreed Khaleefa MOHAMMED ALI, Koyauniversity, Iraq
- Pr. Kamal MOHAMMEDI, M. Bougara University, Boumerdès MESOnexusteam/LEMI, Algeria
- Dr. Marc OUDJENE, Université de Lorraine, France
- Pr. Kheir-Eddine RAMDANE, Université des Sciences et de la Technologie d'Oran, Algeria
- Dr. Jaroslaw Rybak, Wroclaw University of Technology, Poland
- Pr. Khemais SAANOUNI, Université de Technologie de Troyes, France
- Dr. Abdussalam SHIBANI, Faculty of Engineering and Computing, Coventry University, UK
- Dr. Mohamed SONEBI, Queen's University, Belfast, Northern Ireland, UK
- Pr. Abelkader TAHAKOURT, Université A. M. de Béjaia, Algeria
- Pr. Redouane ZITOUNE, Université de Toulouse, France

Assistants éditoriaux / Editorial Assistants

- Melle. Djamila MANSOUR
- Mr. Said CHEKLAT

Email: jmes@ummto.dz

Site : <http://revue.ummto.dz/index.php/JMES>

Journal of Materials and Engineering Structures

Vol. 2, No. 4, December (2015)

Table of Contents

Buckling analysis of thick plates using refined trigonometric shear deformation theory <i>Sachin Madhavrao Gunjal, Rajesh Baburao Hajare, Atteshamuddin Shamshuddin Sayyad, Manas Dipak Ghodle</i>	159
Performance Based Plastic Design of Concentrically Braced Frame attuned with Indian Standard code and its Seismic Performance Evaluation <i>Sejal Purvang Dalal, Dhaval Patoliya, D. P. Dalal</i>	168
Reinforced Concrete Corbels – State of the Art <i>Layla Ali Ghalib Yassin, Eyad kadhém Sayhood Bachi, Qais Abdul Mageed Hasan</i>	180
Durability Properties of Self Compacting Concrete containing Fly ash, Lime powder and Metakaolin <i>Rizwan Ahmad Khan, Atul Sharma</i>	206
Durability of composite cement with Tefereyre (NIGER) coal bottom ash: Capillary absorption, porosity to water and acid attack <i>Nafissatou SAVADOGO, Adamah MESSAN, François TSOBNANG, Prince William AGBODJAN</i>	213

ISSN 2170-127X



This work is licensed under a [Creative Commons Attribution-ShareAlike 4.0 International License](http://creativecommons.org/licenses/by-sa/4.0/).
Based on a work at <http://revue.ummo.dz>.