

CV Succinct

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Domaines scientifiques d'intérêts : Structures en Béton armé, Matériaux

Publications des 4 dernières années :

B. BOULEKBACHE, M.HAMRAT, **M. CHEMROUK** and S.AMZIANE: Flexural Behaviour of Steel Fiber Reinforced Concrete under Cyclic Loading; Paper published in 'Constructions and Building Materials Journal' (Elsevier), Vol.126 (2016), pp.253-262. ISSN 0959-0618 www.elsevier.com/locate/conbuildmat

T.TAHENNI, **M.CHEMROUK**, and T.LECOMPTE : Effect of Steel Fibers on the Shear Behavior of High Performances Concrete; Paper published in 'Constructions and Building Materials Journal' (Elsevier), Vol.105 (2016), pp.14-28; www.elsevier.com/locate/conbuildmat.

CHEMROUK, M., BOUKERROU, M. and AZZEZ RAHMANI, A.: Physico-Mechanical Characteristics of Dune Sand Concrete as an Emerging Building Material for Light Constructions; paper published in 'Civil Engineering and Urban Planning IV' a Civil Engineering Reference Book of 996 pages Edited by Liu et al and Published by Taylor & Francis Group, London, in May 2016 (CRC Press), pp.561 – 567;ISBN 978-1-138-02903-3; www.crcpress.com.

K. BENDJILLALI, **M. CHEMROUK** and B. BOULEKBACHE: "Performances of Cementitious Mortars Containing Recycled Synthetic Fibres under Hot-Dry Climate"; European Journal of Environmental and Civil Engineering' (EJECE Journal), 23:10, 1235-1247, DOI: 10.1080/19648189.2017.1344152; 2017; Taylor & Francis Publisher. <https://doi.org/10.1080/19648189.2017.1344152>

K. BENDJILLALI, **M. CHEMROUK** and B. BOULEKBACHE: "Performances of Cementitious Mortars Containing Recycled Synthetic Fibres under Hot-Dry Climate"; European Journal of Environmental and Civil Engineering' (EJECE Journal); June 2017.

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CHEMROUK M.; critical review of the classical techniques for repair and strengthening of reinforced concrete beam-column framed structures; *Academic Journal of Science (AJS)*; CD-ROM. ISSN: 2165-6282; Vol.08, No.02; P. 9–24; Rhodes Islands, USA, 2018.

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N. FODIL, **M. CHEMROUK** and A. AMMAR; ‘The influence of steel reinforcement on ultrasonic pulse velocity measurements in concrete of different strength ranges’; *Materials Science and Engineering Journal*, 603 (2019) 022049; IOP Publishing ltd; doi:10.1088/1757-899X/603/2/022049.

<https://iopscience.iop.org/article/10.1088/1757-899X/603/2/022049>.

K. BENDJILLALI, B. BOULEKBACHE and **M. CHEMROUK**; ‘Durability assessments of limestone mortars containing polypropylene fibres waste’; Paper published in ‘Advances in Concrete Construction - an International Journal’, Vol.9, No.1, August 2020, Techno-Press Publisher;

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M. HAMRAT, B. BOULEKBACHE, **M. CHEMROUK** and S. AMZIANE; ‘Experimental Study of Deflection and Curvature of Reinforced Concrete Beams: A Comparison of Different Design Codes’; European Journal of Environmental and Civil Engineering (EJECE Journal), April 2020; Taylor and Francis.

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A. AZZAZ RAHMANI, **M. CHEMROUK**, A. AMMAR-BOUDJELAL; ‘Rheological, physico-mechanical and durability properties of multi-recycled concrete’; Paper published in ‘Advances in Concrete Construction - an International Journal’, Vol.9, No.1, 2020, Techno-Press Publisher;

DOI: <https://doi.org/10.12989/acc.2020.9.1.009> . ISSN : 2287-5301.

Nombre de citations: 1207

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