

Publications de l'Axe 2 - Energie – 2018

Nadia Martaj

Revue à comité de lecture et à diffusion internationale

Abdelatif Merabtine, Chadi Maalouf, Abed Al Waheed Hawila, Nadia Martaj, "Building energy audit, thermal comfort, and IAQ assessment of a school building: A case study", *Building and Environment* 2018, 145, 62–76.

Amine Laaouatni, Nadia Martaj, Rachid Bennacer, Mohamed El Omari, Liu Bin, Mohammed El Ganaoui, Abdelatif Merabtine, "Integration of the PCM with intra-ventilation for improved the thermal and inertial characteristics of the building envelope", *The European Physical Journal Applied Physics*, EPJAP **84**, 30901 (2018)

Conference paper

Z. Bouramdane, A. Zaaouml, A. Bah, N. Martaj, M. Alaoui, "Numerical analysis of acoustic field in standing wave thermoacoustic engine with different stack lengths", *ECAI 2018 - International Conference – 10th Edition Electronics, Computers and Artificial Intelligence* 28 June -30 June, 2018, Iasi, România

A. Laaouatni, N. Martaj Rachid Bennacer , M. El Omari, Mo. El Ganaoui, " A resistance and capacitance (rc) network model for a concrete block wall containing phase change material with ventilation tubes", *International Conference On MATERIALS & ENERGY, (ICOME 2018)*, 30 avril- 04 mai, 2018 Saint-Sébastien, Espagne

Z. Bouramdane, A. Bah, N. Martaj and M. Alaoui, « Standing wave thermoacoustic refrigerator: the principle of thermally driven cooling" 6th International Renewable and Sustainable Energy Conference 2018, Dec. 05-08, 2018 Rabat, Morocco

Abdelatif Merabtine

Revue à comité de lecture et à diffusion internationale

A. Laaouatni, N. Martaj, R. Bennacer, M. El Omari, Liu Bin, M. El Ganaoui, A. Merabtine: Integration of the PCM with intra-ventilation for improved thermal and inertial characteristics of the building envelope. *The European Physical Journal Applied Physics* 12/2018; 84(3):30901., DOI:10.1051/epjap/2018180199

A. Merabtine, C. Maalouf, A. Al Waheed Hawila, N. Martaj, G. Polidori: Building energy audit, thermal comfort, and IAQ assessment of a school building: A case study. *Building and Environment* 11/2018;, DOI:10.1016/j.buildenv.2018.09.015

A. Al Waheed Hawila, A. Merabtine, M.Chemkhi, R. Bennacer, N. Troussier: An analysis of the impact of PMV-based thermal comfort control during heating period: A case study of highly glazed room. *Journal of Building Engineering* 11/2018; 20(2018):353-366., DOI:10.1016/j.job.2018.08.010

A. Merabtine, S. Mokraoui, A. Kheiri, A. dars, A. Al Waheed Hawila: Experimental and multidimensional numerical analysis of the thermal behavior of an anhydrite radiant slab floor heating system: A multi-objective sensitivity study. *Energy and Buildings* 09/2018; 174(2018):619-634., DOI:10.1016/j.enbuild.2018.06.062

A. Merabtime, N. Gardan, J. Gardan, H. Badreddine, C. Zhang, Feng Zhu, X . Gong: Experimental and numerical thermal analysis of open-cell metal foams developed through a topological optimization and 3D printing process. The European Physical Journal Applied Physics 07/2018; 83(1)., DOI:10.1051/epjap/2018180060

Conference paper

Abdelatif Merabtime, Al Waheed Hawila, M.Chemkhi, N. Troussier « Influence of PMV-based control on energy consumption and thermal comfort during heating period in a highly glazed room”
Conference: Conférence Francophone de l'International Building Performance Simulation Association, IBPSA France 2018, May 2018

Christophe Rodiet

Conference paper

M. Rammal, B. Garnier, C. Rodiet, “High thermal conductivity thin film for heat spreading enhancement in microelectronic measured using short pulsed photothermal technique” , Conference: International Heat Transfer Conference 16 (IHTC 16), Beijing, China, May 2018

Cathel Zitzmann

Conference paper

K. Nguyen, C. Zitzmann, F. Retraint, “Face Spoofing Detection for Smartphones using a 3D Reconstruction and the Motion Sensors” Conference: 4th International Conference on Information Systems Security and Privacy, January 2018, DOI: 10.5220/0006602202860291