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Selected Publications


Computational Structures Technology, Paper No. 254, Dubrovnik, Croatia, September 2012
M. Gherlone, On the use of zigzag functions in equivalent single layer theories for laminated composite and sandwich beams: a comparative study and some observations on external weak layers, J Appl Mech, 80(6) (2013) 061004-1-15
Luigi Iurlaro, Marco Gherlone and Marco Di Sciuva, “A mixed cubic zigzag model for multilayered composite and sandwich plates including transverse normal deformability”, 11th World Congress on Computational Mechanics (WCCM XI); 5th European Conference on Computational Mechanics (ECCM V); 6th European Conference on Computational Fluid Dynamics (ECFD VI), E. Onate, J. Oliver and A. Huerta (Editors), 2014
Alexander Tessler, Rinto Roy, Marco Esposito, Cecilia Surace and Marco Gherlone, “Shape sensing of plate and shell structures undergoing large displacements using the inverse finite element method”, Shock and Vibration, Article ID 8076085, Vol. 2018
Marco Gherlone, “Tria and quad plate finite elements based on RZT(m) for the analysis of multilayered sandwich structures”, Composite Structures, Vol. 220, pp 510-520, 15 July 2019