



Università degli Studi della Basilicata
Scuola di Ingegneria

PROF. Maria Anna De Rosa

SCIENTIFIC CURRICULUM VITAE:

Research interests: seismic analysis of masonry arches; dynamic analysis of Euler-Bernoulli beams. Dynamic analysis of double beams and double plates linked by distributed springs. Dynamic analysis of partially submerged beams. Analysis of non local effects in the static analysis of Euler-Bernoulli and Timoshenko beams. Vibration analysis of free vibrations for nanotubes in nonlocal elasticity. All these topics have been treated with exact and approximate approaches, the "Cell discretization method" and "Differential quadrature method". She has authored or co-authored more than 90 scientific papers, largely on international reviews.

She has provided referees for the following reviews: Computer Methods in Applied Mechanics and Engineering, International Journal of Solids and Structures, Journal of Sound and Vibration, Computer & Structures, European Earthquake Engineering, Mechanics Research Communications, International Journal for Numerical Methods in Engineering, Applied Mathematical Modelling, Engineering Structures, Structural Engineering and Mechanics.

PROFESSOR'S OFFICE HOUR:

Wednesday: 8.30-11.30

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