

- [3] Giannakos K. Second Order Differential Equation of Motion in Railways: the Variance of the Dynamic Component of Actions due to the Sprung Masses of the Vehicles, *International Journal of Theoretical and Applied Mechanics* pp.30-37.
- [4] Giannakos K. Theoretical calculation of the track-mass in the motion of unsprung masses in relation to track dynamic stiffness and damping, *International Journal of Pavement Engineering (IJPE)*, Special Rail Issue “*High-Speed Railway Infrastructure: Recent Developments and Performance*”, Vol. 11, Issue 4, August 2010, pp. 319-330.
- [5] Giannakos K. Influence of the track's damping on the track mass participating in the motion of the Non-Suspended Masses of railway vehicles – theoretical calculation and comparison to measurements, *volume published in honour of (fs) professor George Giannopoulos*, Aristotle University of Thessaloniki, 2012.
- [6] Giannakos K. *Actions on the Railway Track*, Papazissis publ., www.papazisi.gr, Athens, 2004.
- [7] SNCF/Direction de l' Equipement, *Mecanique de la Voie*, 1981.
- [8] Alias J. *La Voie Ferree – Techniques de Construction et Entretien*, deuxieme edition, Eyrolles, Paris, 1984.
- [9] Fortin J. La Deformee Dynamique de la Voie Ferree, *Revue Generale des Chemins de Fer (RGCF)*, 02/1982.
- [10] Thompson D. *Railway Noise and Vibration*, Elsevier, 2009.
- [11] Wylie C.R. and Barrett L.C. *Advanced Engineering Mathematics*, sixth edition, McGraw-Hill, Inc., USA, 1995.
- [12] Giannakos K., Track Defects and the Dynamic Loads due to Suspended (Sprung) Masses of Railway Vehicles, in Loizos A/Al-Qadi I./T., Scarpas, (eds), *Intl. Conference Bearing Capacity of Roads, Rails, Airfelds*, Athens, proceedings, Taylor & Francis group, 2017, pp.1911-1919.
- [13] Prud'Homme A. La Voie, *Revue Generale des Chemins de Fer (RGCF)*, Janvier, 1970, extrait de RGCF.