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XionghuaWu\*,Yu-e Ren Department of Applied Mathematics, Tongji University, 200092 Shanghai, PR China Received 3 December 2005; received in revised form 18April 2006 Abstract The numerical differentiation is often used when dealing with the differential equations.

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**Numerical differentiation - Wikipedia**

The Structure of Weighting Coefficient Matrices of Harmonic Differential Quadrature and Its Applications WEN CHEN a, XINWEI WANG b AND TINGXIU ZHONG a a Department of Mechanical Engineering, Shanghai Jiao Tong University, Shanghai 200030,

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[21] Chen, W., Differential Quadrature Method and its Applications in Engineering, Shanghai Jiao Tong University, 1996. [22] Golmakani, M.E., Rezatalab, J., Non uniform biaxial buckling of orthotropic Nanoplates embedded in an elastic medium based on nonlocal Mindlin plate theory, Composite Structures , 119, 2015, 238-250.

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