SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	British Journal of Mathematics & Computer Science
Manuscript Number:	**2014_BJMCS_13362**
Title of the Manuscript:	**HYBRID OF THE NEW CONJUGATE GRADIENT METHOD AND GALERKIN THEORY FOR OPTIMIZING BEAM DEFLECTION UNDER UNIFORMLY DISTRIBUTED LOAD**
Type of the Article	**Original Research Article**

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	**Authors' response to final evaluator's comments**
1. The authors do not response the second comment at the first status reviewer as below: ✓ **The author must explain other numerical method which is used to analyse the mechanical structures such as DQM, FEM and etc. For this purpose, the authors must add the following references in the introduction section** **a. Surface effects on the mechanical characteristics of microtubule networks in living cells, Mechanics Research Communications Vol 57, 18-26.** **b. Axial vibration analysis of a tapered nanorod based on nonlocal elasticity theory and differential quadrature method, Mechanics Research Communications 39 (1), 23-27.** **c. Free transverse vibration analysis of circular and annular graphene sheets with various boundary conditions using the nonlocal continuum plate model, Composites Part B: Engineering 45 (1), 32-42.** **d. Influence of in-plane pre-load on the vibration frequency of circular graphene sheet via nonlocal continuum theory, Composites. Part B, Engineering 51, 121-129.** **e. Shear buckling of orthotropic rectangular graphene sheet embedded in an elastic medium in thermal environment, Composites Part B: Engineering 56, 629-637.** **f. Exact solution for thermo-mechanical vibration of orthotropic mono-layer graphene sheet embedded in an elastic medium, Latin American Journal of Solids and Structures 11 (3), 437-458.** **g. Thermo-mechanical vibration analysis of annular and circular graphene sheet embedded in an elastic medium., Latin American Journal of Solids & Structures 11 (4).** **h. Numerical study of the effect of shear in-plane load on the vibration analysis of graphene sheet embedded in an elastic medium, Computational Materials Science 82, 510-520.** **i. Axisymmetric buckling of the circular graphene sheets with the nonlocal continuum plate model, Physica E: Low-dimensional Systems and Nanostructures 43 (10), 1820-1825.** **j. Vibration analysis of nanorings using nonlocal continuum mechanics and shear deformable ring theory, Physica E: Low-dimensional Systems and Nanostructures 44 (1), 135-140.** **k. A study on the nonlinear stability of orthotropic single-layered**	

graphene sheet based on nonlocal elasticity theory, Latin American Journal of Solids & Structures Accepted. **l. Buckling of orthotropic micro/nanoscale plates under linearly varying in-plane load via nonlocal continuum mechanics, Composite Structures 94 (5), 1605-1615.** **m. Buckling analysis of variable thickness nanoplates using nonlocal continuum mechanics, Physica E: Low-dimensional Systems and Nanostructures 44 (3), 719-727.** **n. Levy Type Solution for Nonlocal Thermo-Mechanical Vibration of Orthotropic Mono-Layer Graphene Sheet Embedded in an Elastic Medium, Journal of Solid Mechanics Vol 5 (2), 116-132.**	

Note: Anonymous Reviewer