1128-34-64Siamak Haghshenas and Mostafa Ghandehari*, ghandeha@uta.edu, and Kambiz Alavi.
Oscillation of Graphene Plates. Preliminary report.

Newton's second law and Hooke's law are used to derive differential equation for the motion of graphene plates. separation of variables is used to integrate the non-linear differential equation. Integration involve elliptic integral. (Received February 09, 2017)