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**RADIAL VIBRATIONS IN AN UNBOUNDED  
MICRO-ISOTROPIC, MICRO-ELASTIC SOLID HAVING A  
SPHERICAL CAVITY**

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**Abstract**

Radial displacement components at any point of unbounded micro-isotropic, micro-elastic medium having a spherical cavity is obtained when it is subjected to time dependent force and couple. The techniques of Laplace transforms are used to obtain radial macro displacement, micro-rotation and micro-displacement in compact form.