International J. of Math. Sci. & Engg. Appls. (IJMSEA) ISSN 0973-9424, Vol. 4 No. V (December, 2010), pp. 1-10

## RAYLEIGH-TAYLOR INSTABILITY OF VISCOELASTIC SUPERPOSED FLUIDS IN POROUS MEDIUM IN THE PRESENCE OF SUSPENDED PARTICLES

## V. SINGH AND SHAILY DIXIT

## Abstract

The Rayleigh- Taylor in stability of plane interface between Newtonian viscous fluid and Oldroydian viscoelastic fluid containing suspended particles in a porous medium is considered Conditions for stable and unstable cases are discussed.

\_\_\_\_\_

Ascent Publication House: http:// www.ascent-journals.com