



Examination of Doctoral dissertation

in Mathematics

Rotational and stratified effects on stability of the fluid equations

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Abstract : The Coriolis force and stratification play an important role in many mathematical models which describe the large-scale phenomena commonly found in meteorology, oceanography, and astrophysics. Each of them appears in the systems as a linear operator with inherent stabilization effects. In this dissertation, we investigate the rotation and stratification effects on the stability of the Navier-Stokes equations, MHD equations, and Boussinesq equations.

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장 소 : ZOOM 온라인 회의
