

2014학년도 2학기

수학전공 Colloquium

제 목

Viscous and inviscid
magnetohydrodynamics equations.

연 사

이지훈 (중앙대)

초

In this talk, we consider the viscous and inviscid magnetohydrodynamics equations which describe the motion of electrically conducting incompressible fluids. First, we present the derivation of the equations from the Maxwell-Navier-Stokes equations. Next, we consider some regularity criterion of the weak solutions to the equations and regularizing model of two dimensional partially viscous model. Finally, we consider some sufficient conditions of the weak solution to hold the energy equality instead of the energy inequality.

문

일 시

10월 30일 목요일 오후 4시

장 소

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