



UNIVERSITY OF CALIFORNIA RIVERSIDE

DEPARTMENT OF MATHEMATICS

Colloquium

Dr. Juhi Jang
UC Riverside

“Stability theory of polytropic gaseous stars”

Abstract:

I'll discuss the stability theory of Lane-Emden equilibrium stars under the Euler-Poisson or Navier-Stokes-Poisson system. A linear stability can be characterized by the polytropic exponent. A nonlinear instability will be also discussed.

Thursday, November 7th, 2013

Surge 284

Tea Time: 3:40 p.m. / Talk: 4:10 – 5:00 p.m.