Japan Geoscience Union Meeting 2010

(May 23-28 2010 at Makuhari, Chiba, Japan)

©2009. Japan Geoscience Union. All Rights Reserved.



PEM030-09 Room: 303 Time: May 26 09:34-09:51

6-Dimensional Computational Astrophysics

Masayuki Umemura^{1*}

¹University of Tsukuba

We present the numerical methods for 6-dimensional radiation hydrodynamics, where 6-dimensional radiation transfer is coupled with 3-dimensional hydrodynamics, and also for 6-dimensional Boltzmann equation.

Keywords: Computational Hydrodynamics, Radiation Transfer, Radaition Hydrodynamics, Boltzmann equation