

CASTS – TASIAM Joint Lecture Course

Part II: MPPM Method For Incompressible Viscous Flow (I)

2014 - 03 - 21 (Fri.)

09:00 - 12:00

103, Mathematics Research Center Building (ori. New Math. Bldg.)

MPPM (Moving Particle with embedded Pressure Mesh) :
incompressible flow (9hr)

1. Lagrangian/Eulerian operators
2. Material/observational particles
3. Pressure-related operators : pressure mesh
4. Diffusion operators (PS, SD, LM)
5. Point-implicit formulation
6. Axi-symmetric flow
7. Further issues

