

MAYA.UMBC.EDU HPC PARALLEL

Partial Differential Equations

Numerical Solution FEM, MPI, OpenMP

High Order Discrete, Non-Uniform grid, plots.

Fourth Order, Seven Dimensions

4

2

$$\nabla^4 U + 2 \nabla^2 U + 8 U = f(x, y, z, t, u, v, w)$$

