Discussion on Optimal NIMROD

• 3D mesh
  • general
  • regular mesh
  • Fourier expansion of metric info and equil.

• Better preconditioning (toroidal)
  • Algebraic multigrid
  • Dense solves over fourier comps with trigonometric cardinal functions

• Higher-level basis-function operators
  • Helps having general toroidal/other representation
  • Object-oriented programming
  • Improves readability