

The purpose of this document is to outline the context of the SDSS XGrid project and its specific objectives to be achieved for the Advanced Topics in Numerical Methods II. The SDSS XGrid project is part of a larger context of providing a Scientific Knowledge Base and Computational Service. For this class, there are few parts of the project which are deemed reasonable for demonstration in a Grid context. The choices of these parts include:

- A Wavelet transform in distributed form.
- Bonus items:
  - A template for NSPorts distributed objects with Bonjour
  - A template for distributable objects