MHD Simulations of Jets with Applications to the Sun

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Overview

1. Intoduction
   - Cornal Heating
   - Transition Region Quakes
   - Scientific Goal
2. MPI-AMRVAC
   - Overview
   - Adavitive Mesh Refienment
   - MHD Module

Test

History

- Talk a bit of VAC.
- Purpose of the code
- Strucutre of the code

AMR

- diagrams to explain
- example by movie

Local Error Estimation

Outline AMR criteria.

MHD Module

Having equations here.