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Advanced School on Scaling Laws in Geophysics: Mechanical and Thermal Processes in Geodynamics | (smr 2240)

Wednesday 25 May 2011

Examples using Houseman s code sybil to examine exponential form of blobs and thinning using runs already carried out.

Derive the growth rate for a simple case. (For instance, 2 half-spaces with constant, different density, and exponentially decreasing viscosity),

Scaling of growth rate to various parameters (density, g, thickness, and viscosity).

- Adriatico Guest House Kastler Lecture Hall (12:00-12:30)

| time | title | presenter |
|-------|---|-----------|
| 12:00 | Examples using Houseman s code sybil to examine exponential form of blobs and thinning using runs already carried out. Derive the growth rate for a simple case. (For instance, 2 half-spaces with constant, different density, and exponentially decreasing viscosity), Scaling of growth rate to various parameters (density, g, thickness, and viscosity). | |