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Box-Relaxation based multigrid solvers for the variable viscosity Stokes problem

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**Highlights**

- Box Relaxation is used to solve the variable viscosity Generalized Stokes Problem
- Three variants are considered including Vanka smothers and Distributive Gauss Seidel
- We solve the SINKER problem with variable viscosity ratio, mesh size and stretching
- Application to transient flow of two immiscible viscoelastic fluids is presented.

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