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ExtendableASGFEM

This package implements the stochastic Galerkin finite element method for certain two dimensional model problems involving KLE of stochastic coefficients. The rather huge systems have a tensorized structure and are solved by iterative solvers. A posteriori error estimators steer the spatial and stochastic refinement.

The spatial discretization is based on the finite element package ExtendableFEM.jl/ExtendableFEMBase.jl

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