

Finite Element Methods for constrained problems

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Short Description

Finite Element Methods for constrained variational problems have evolved greatly over the past 50+ years. Advances are being made in various directions such as iterative solution techniques, parallelization, adaptive mesh refinement, contact enforcement and detection algorithms, and the combination of different solid mechanical models, among others.

This minisymposium offers a venue for the dissemination of recent work on computational methods for constrained problems ranging from numerical modeling and analysis to the implementation of the corresponding algorithms.