

Adaptive grids in differential equations (W. Huang)

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Grid adaption is an indispensable tool in the numerical solution of nontrivial PDEs. Significant improvements in accuracy and efficiency can be gained by adapting the grid points to the physical solution or other important quantities.

The speakers in this minisymposium will present state-of-the-art adaptive grid techniques and their applications for solving both time dependent PDEs and steady state problems.