



复旦大学数学科学学院 数学综合报告会

报告题目: Discrete Gradgrad and Divdiv Complexes

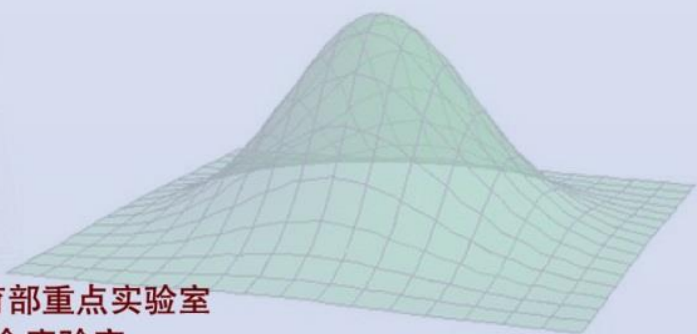
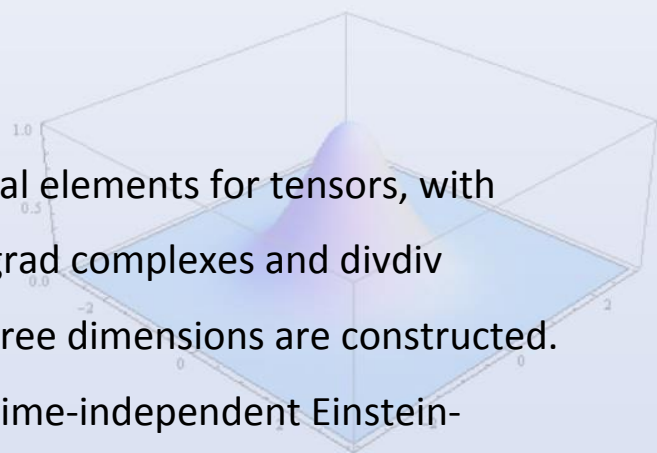
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时间: 2021-01-05 星期二 9: 30-10: 30

地点: 光华东主楼1813

报告摘要:

We present some finite elements and virtual elements for tensors, with which finite element/virtual element gradgrad complexes and divdiv complexes on simplicial grids in two and three dimensions are constructed. Then we apply to discretize the linearized time-independent Einstein-Bianchi system and biharmonic equation, respectively. This is a joint work with Long Chen from University of California at Irvine.



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