Weekly Report for YiYu Shi's work in week3

September 12, 2005

1 Work1: Finish implementing the code for BSMOR alg2 and alg3

The first work of this week is to implement the code for BSMOR alg2 and alg3. I spend some time to fully understand the principles of BSMOR, partition and SVD methods. I also have some discussion with Hao on several details of his paper.

2 Work2: read the papers on P/G grid

We can apply SVD based partition on P/G grid before we perform Model Order Reduction on it. So I am now reading the papers and learn something about physical characteristics of P/G grid. The main task next week is to set up the theory framework of MOR on P/G grid and try to implement it.

3 Work3: proofreading some papers

I learned some writing skills on how to express ideas clearly.