Weekly Report for YiYu Shi's work in week2

September 4, 2005

1   Work1: Derive the theory part of PWL-source related project

The first work of this week is to derive the model order reduction theory for the PWL-source driven system. It should result in more accuracy than the existing algorithms, such as SAPOR. And I have established the detailed and rigid explanation why our method is better.

2   Work2: read the papers on Hao's passive block structure preserving method

I have finished reading the two papers assigned by Hao.

3   Work3: Start to implement the two algorithms in Hao's paper

I have almost finished Alg 2. I will wrap this work up in Monday. Next week, I'll try to conduct further research and more experiment on PWL-source project as well as Hao's passive block structure preserving method.