

Homework #4

- Simulate rope
 - Compare explicit and implicit Euler method
 - You need a linear system solver for implicit Euler method
 - Implement CG based linear system solver and compare the result with dense linear system solver
 - For efficient CG solver, you should use sparse data structure
- Simulate hair strands
 - Implement bending and twisting
 - Use explicit Euler method with relaxation
 - Experiment bending and twisting instability
- Due date: Nov.18.2008