

## Comparison between Two level hierarchy and Jacobi iteration

Complete convergence time:

Jacobi iteration => 20000iteration=>3293826us

Two level hierarchy => 6000 small iteration+ 12000 original iteration=>2351491us

Two level hierarchy

Iteration:5000+5000

Time: 1113215us



Jacobi iteration 7000

iteration:7000

Time: 1133688us

