CSCI 3366 March 31, 2009

Administrivia

• Reminder: Homework 3 was due today. Due date extended to Thursday.

• Homework 4 on Web; due next Thursday.

Slide 1

Discussion of Homework 3

 Overall strategy should be Geometric Decomposition. Can break up by rows, columns, or square(ish) blocks. Blocks give smallest amount of communication, but code is more complicated. Rows make for easiest code, so okay to do that.

Slide 2

For MPI version, split up array among processes — i.e., use *Distributed Array*.
Initialization and output could be a little messy, but we're operating under an implicit assumption that these aren't a big fraction of overall running time, so do whatever works and is relatively easy to code.

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