# Slides

Weight calculation

DM assembly (done)

Grids

DONE

Stencils (NN and ANN)

Hashing Stencil generation

Need to show orderings (done; import)

Coarse grid overlay (done; import)

Ball query (done; import)

Orderings (done; import)

Integer dilation (TODO)

Matrix spy (done; import)

Epsilon

Contours (done)

Domain Decomposition

Slices (done)

METIS (TODO; describe)

Partition size variance (TODO; table)

To review:

Node ordering (dilation and interleave operations); references for hashing U, X, etc.

GMRES algorithm (why it works without 1’s constraints in stokes; preconditioning options).