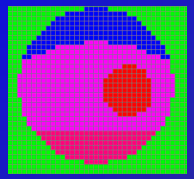
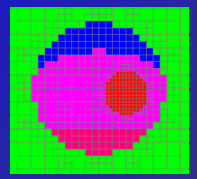
Same Geometry: Different Mesh

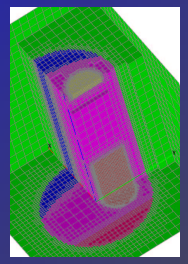
Regular Low Res.



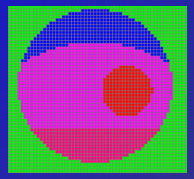
Quadtree Low Res.



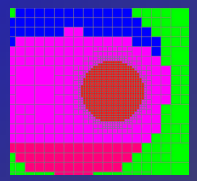
Octree



Regular High Res.

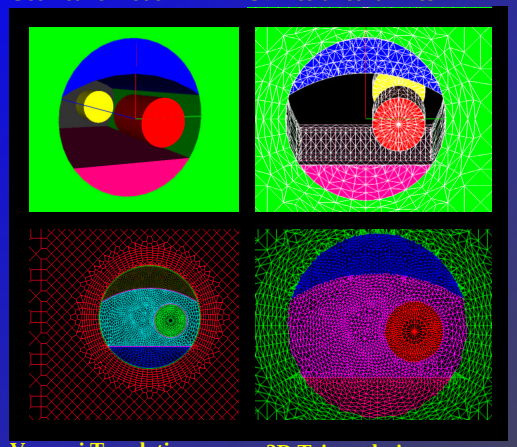


Quadtree High Res.



Geometric Model

3D Tetrahedral Mesh



Voronoi Tesselation

2D Triangulation