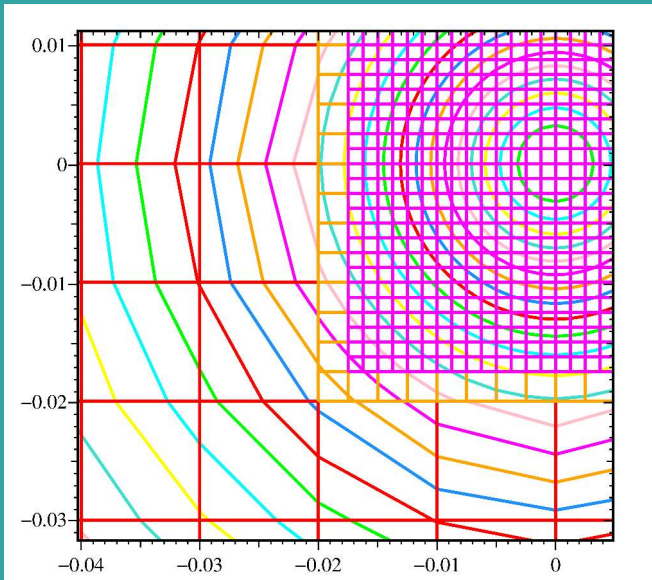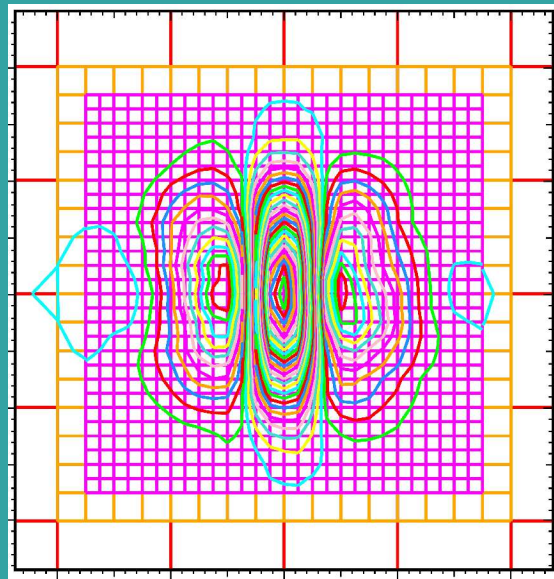Electrostatic potential

Density of secondary particles

Particle in Cell

- Local Mesh Refinement

  – Each grid may contain subgrids.

- Particle pushing due to

  – Electric and magnetic field of the beam

  – Electrostatic field of secondary charges