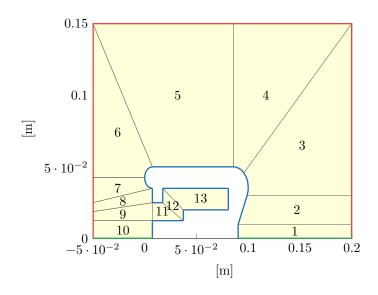
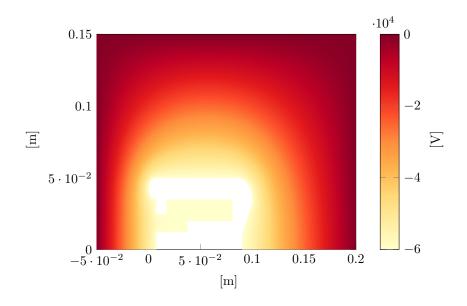
Photocathode

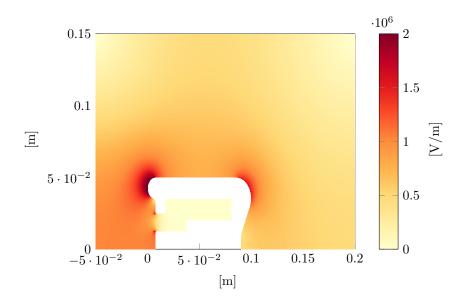
1 Full Geometry

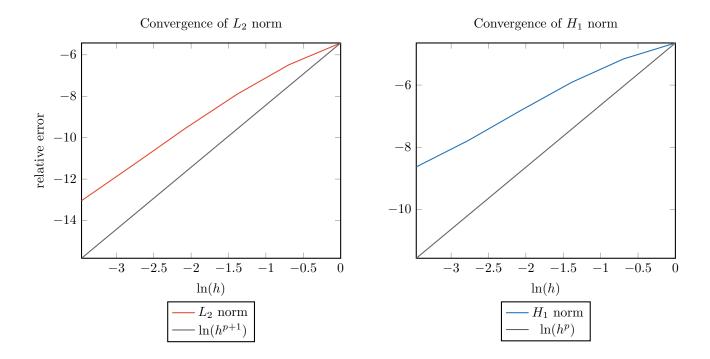
• geometry including the insulator



- electrostatic potential including the insulator with p=3 nsub=32
- magnitude of the electric field including the insulator with p=3 nsub=32
- \bullet convergence study of the electrostatic potential and electric field
- ullet the reference uses p=3 and nsub=64
- the relative error uses the maximum potential/field value







2 Reduced Geometry

- useful for tracking since the back part has almost no influence on the field in the front
- is there a requirement for the photocathode to be planar?

