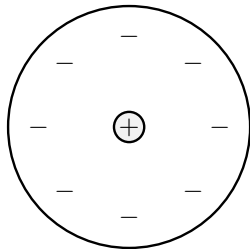


$$\mathbf{E}_{\text{ext}} = 0$$



$$\mathbf{E}_{\text{ext}} \neq 0$$

