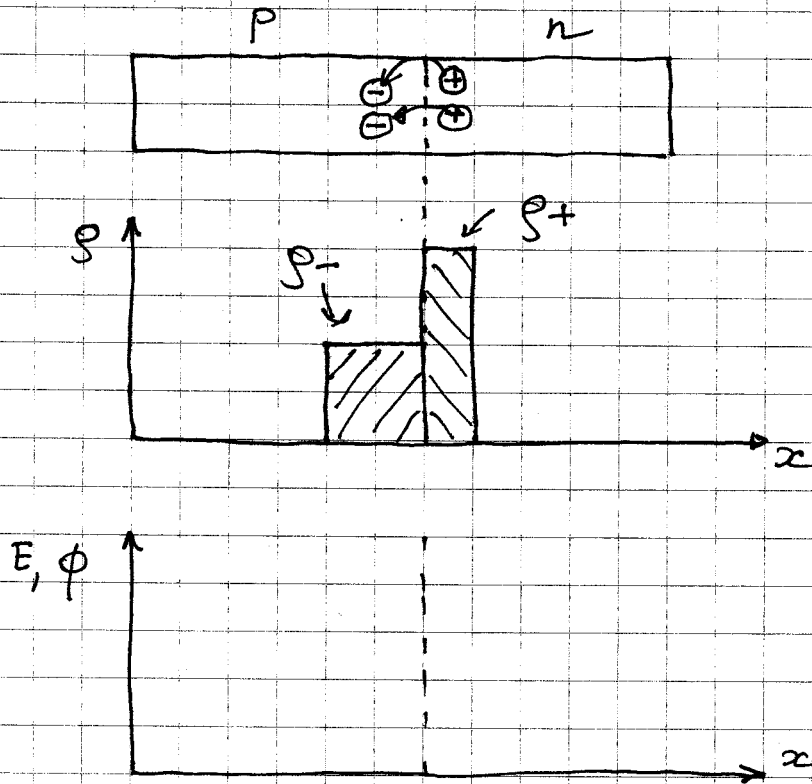


Problems Electrostatics I

due (Th, Jan 17
1pm)

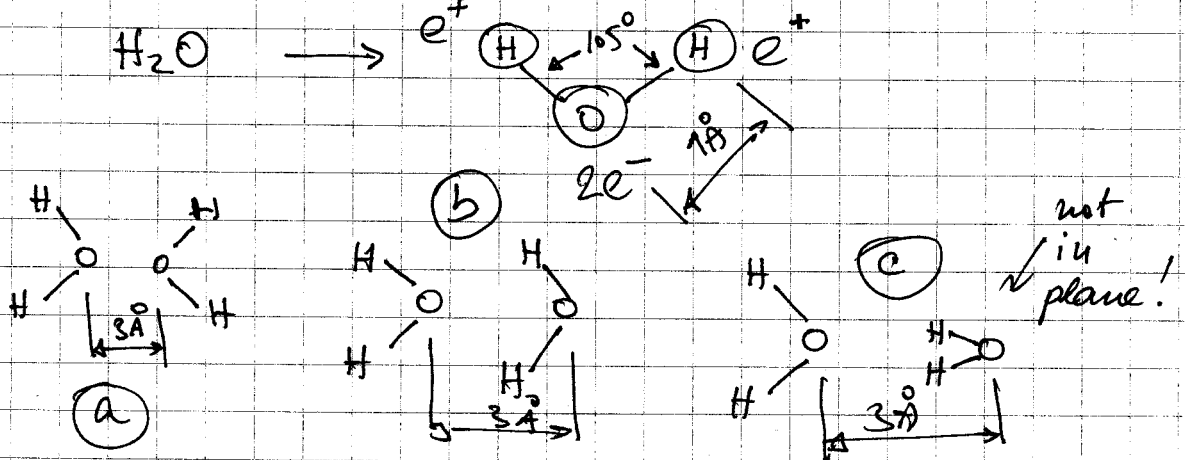
① p-n junction



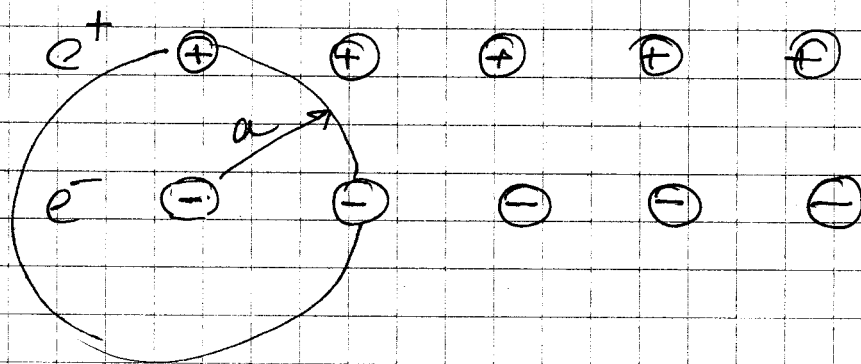
Plot Electr. field and potential

What stops electrons from going from n to p region?

② Interaction of water molecules



③ Optimize charge distribution



Find the most optimal configuration of 10 charges, such that they do not come to each other closer than a !