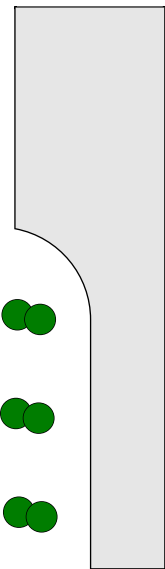
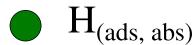
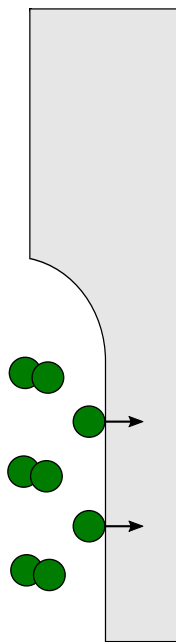


Oxide layer



No plastic strain:

- The oxide layer is intact
- **No hydrogen penetration**



Plastic strain:

- Rupture of the oxide layer
- Hydrogen diffusion into the lattice