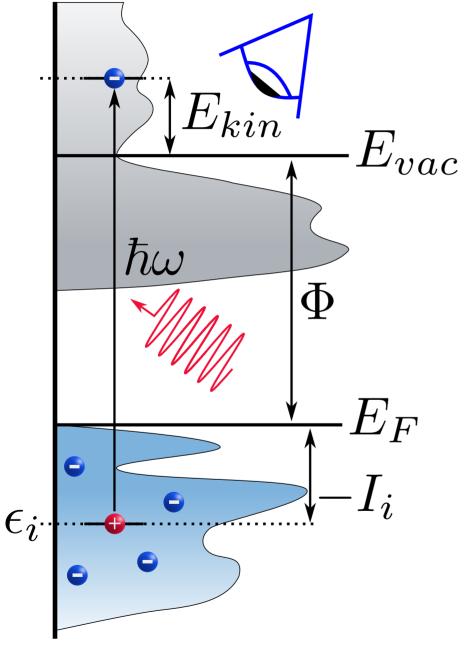
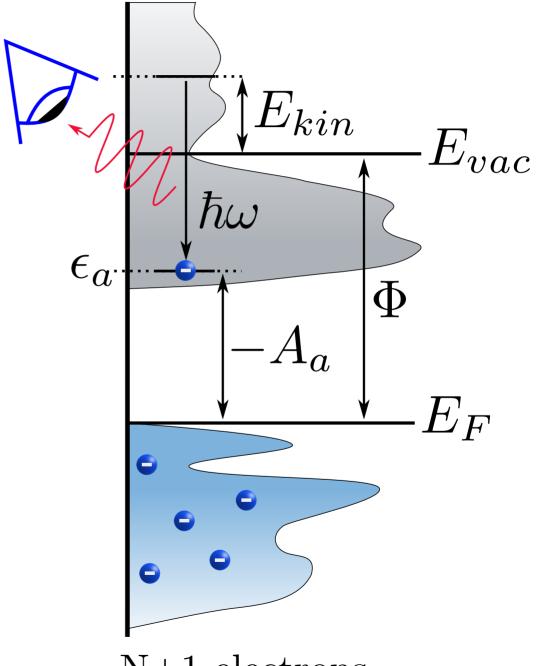
## A) Photoemission



N-1 electrons

B) Inverse Photoemission



N+1 electrons