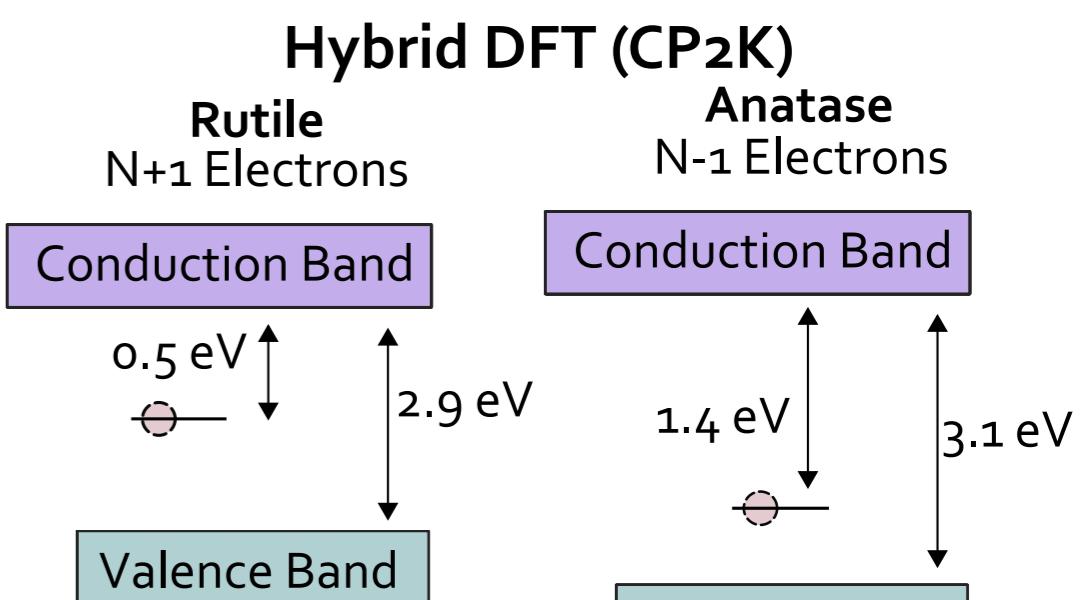
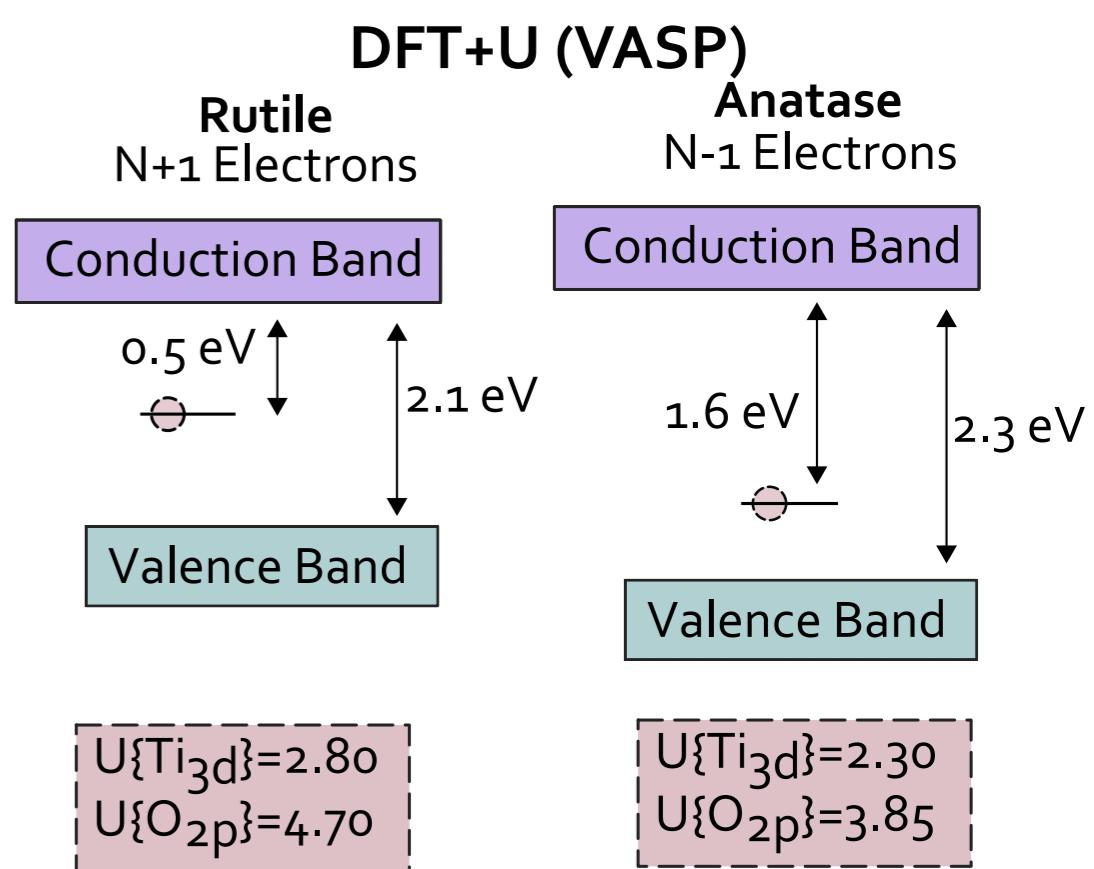
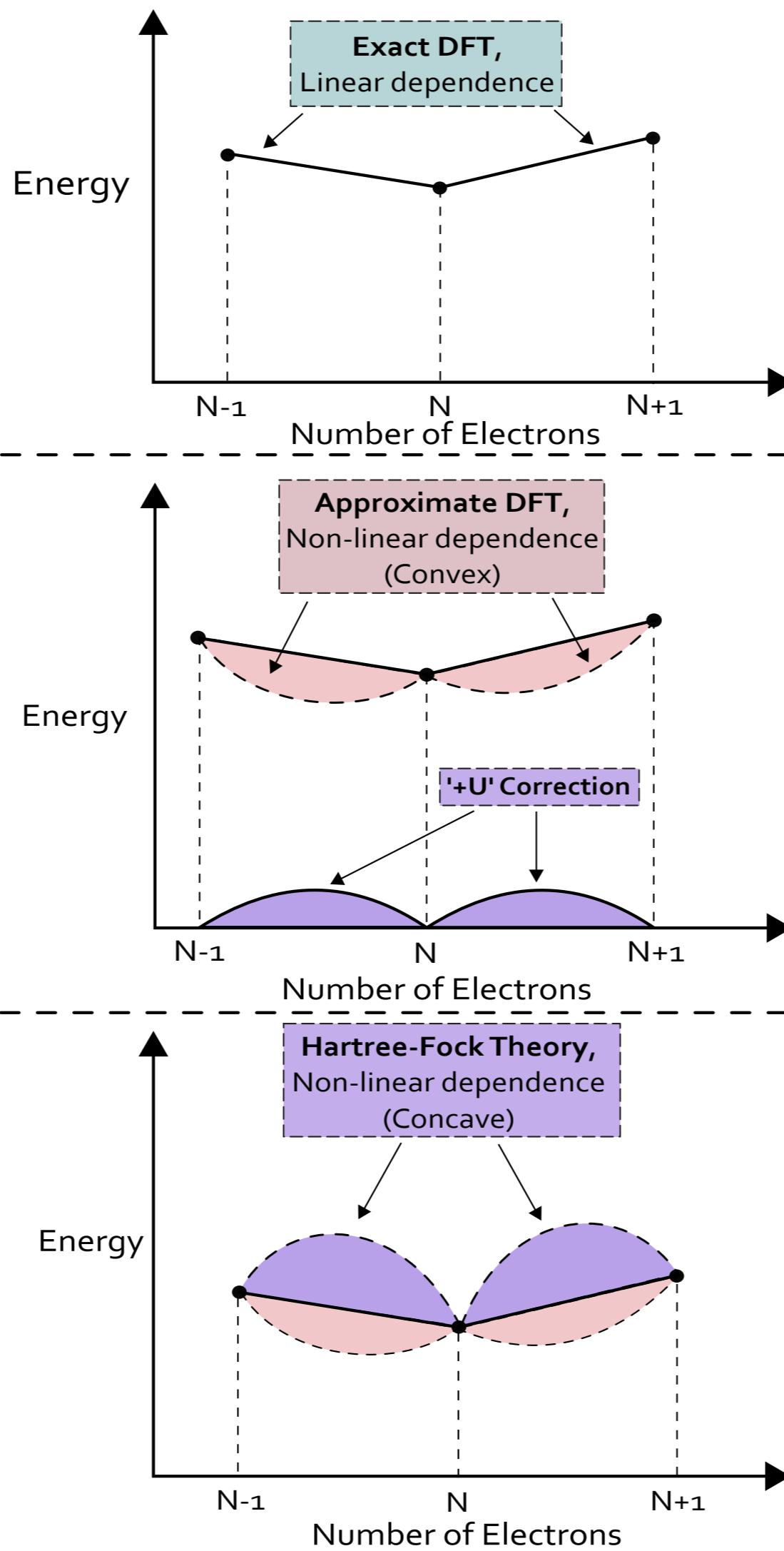
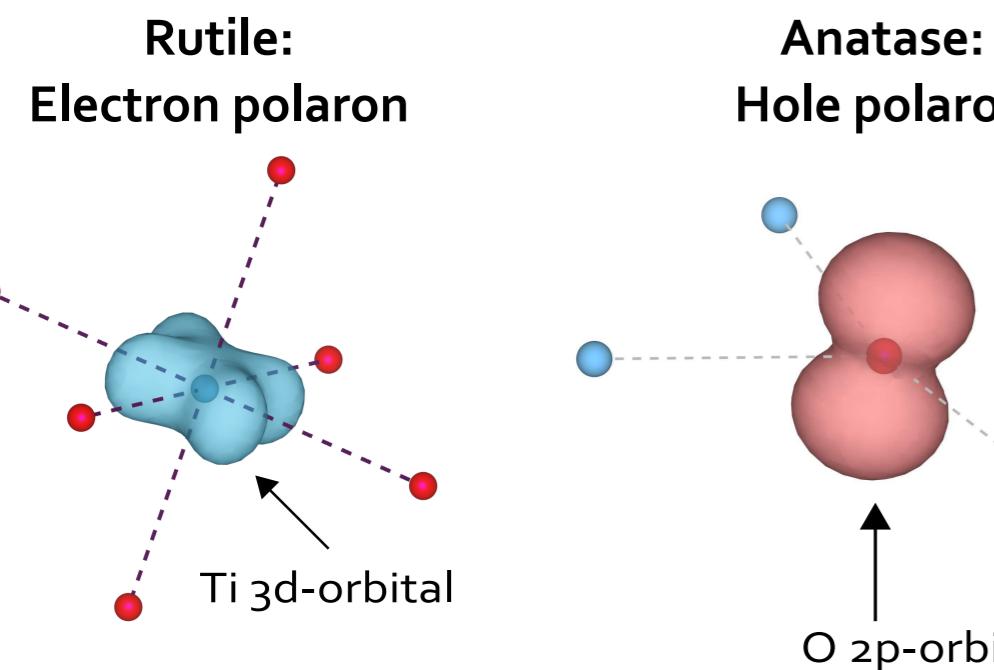
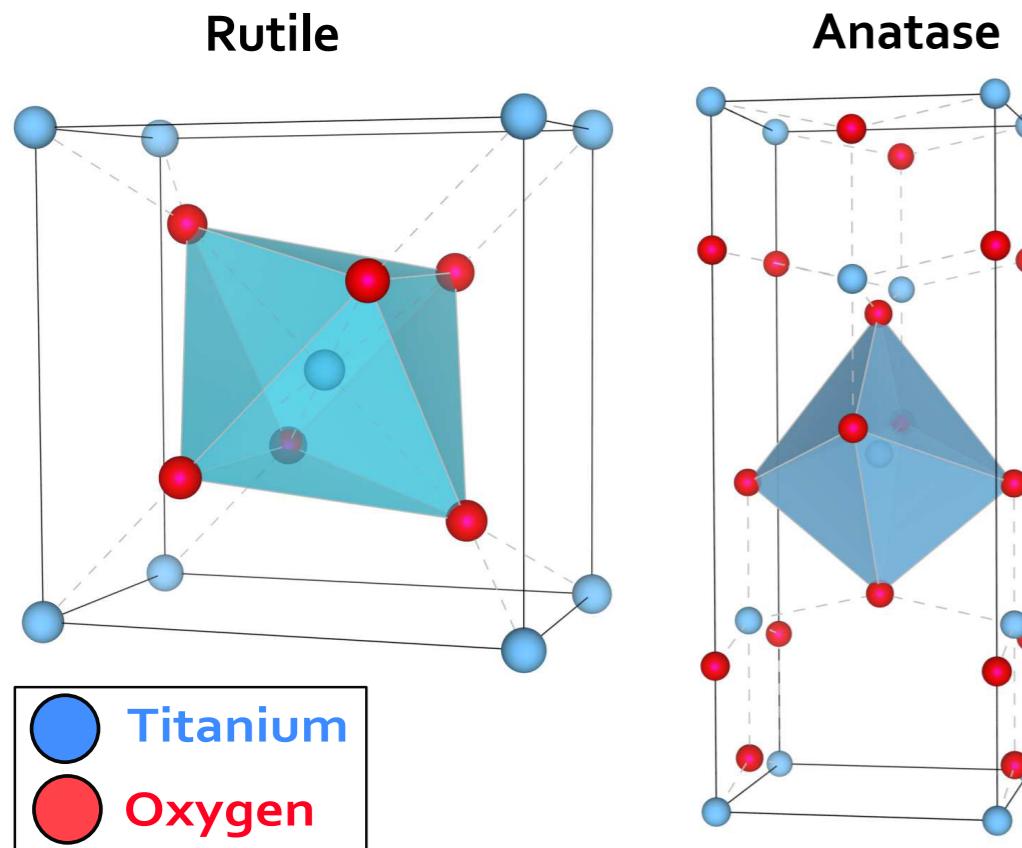


Charge Trapping in Bulk TiO₂ Rutile and Anatase

Me: Razak ElmasImane
Supervisor: Keith McKenna
University of York



Finite size effects not (yet) considered for hybrid DFT results

Bulk TiO₂ Modifications

- DFT+U → Non-linearity changes dramatically
- Hybrid DFT → Non-linearity changes very little