

**0.0.1 3. Hausaufgabe****Selbstgestellte Aufgabe**

- $U^0(\text{Li}||\text{S}^{2-}) = E^0(\text{S}/\text{S}^{2-}) - E^0(\text{Li}/\text{Li}^+) = 2,56\text{V}$
- $U^0(\text{Zn}||\text{Ag}) = E^0(\text{Ag}/\text{Ag}^+) - E^0(\text{Zn}/\text{Zn}^{2+}) = 1,56\text{V}$
- $U^0(\text{Zn}||\text{Au}) = E^0(\text{Au}/\text{Au}^{3+}) - E^0(\text{Zn}/\text{Zn}^{2+}) = 2,17\text{V}$
- $U^0(\text{Ag}||\text{Au}) = E^0(\text{Au}/\text{Au}^{3+}) - E^0(\text{Ag}/\text{Ag}^+) = 0,61\text{V}$