

AK2 Seminar 5 rješenja

Z1. A: $\text{Fe}(\text{C}_2\text{O}_4) \cdot 2\text{H}_2\text{O}$; B: $\text{K}_3[\text{Fe}(\text{C}_2\text{O}_4)_3] \cdot 3\text{H}_2\text{O}$ paramagnetičan; taloženje s $\text{NaB}(\text{ph})_4$

Z2. $[\text{Mn}(\text{CF}_3\text{COO})_2(\text{H}_2\text{O})_4]$ paramagnetičan

Z3. A: $\text{K}_2\text{Co}[\text{Co}(\text{CN})_6]$; B: $\text{K}_3[\text{Co}(\text{CN})_6]$ (žuti), $\text{K}_4[\text{Co}(\text{CN})_6]$ (crveni)

Z4. A i B: $[\text{CoCl}\{(\text{C}_6\text{H}_5)_2\text{PCH}=\text{CHP}(\text{C}_6\text{H}_5)_2\}_2][\text{SnCl}_3]$; Berryjeva pseudorotacija – kvadratna piramida, trigonska bipiramida

Z5. $[\text{CoCl}(\text{NH}_3)_5]\text{Cl}_2 \cdot \text{H}_2\text{O}$