

Manuscript B303803C Supplementary Data.

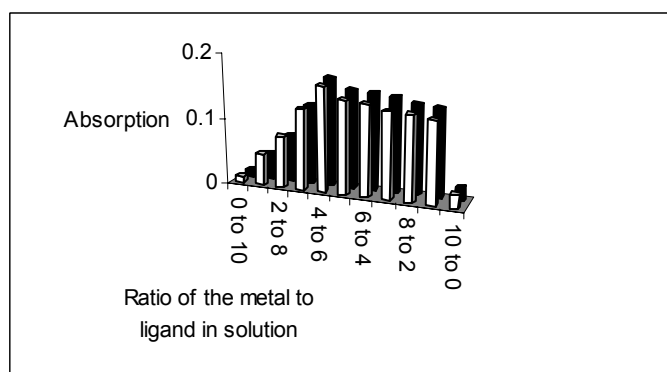


Fig. A.1 UV/vis. absorption spectrum of a FeCl_2 solution in methanol with a solution of $\text{L}^{3\text{RR}}$ in methanol at a constant total concentration $2.68 \times 10^{-5} \text{ mol dm}^{-3}$ ($[\text{M}]+[\text{L}]$). (Front series monitored at 525nm, back series monitored at 486nm.)

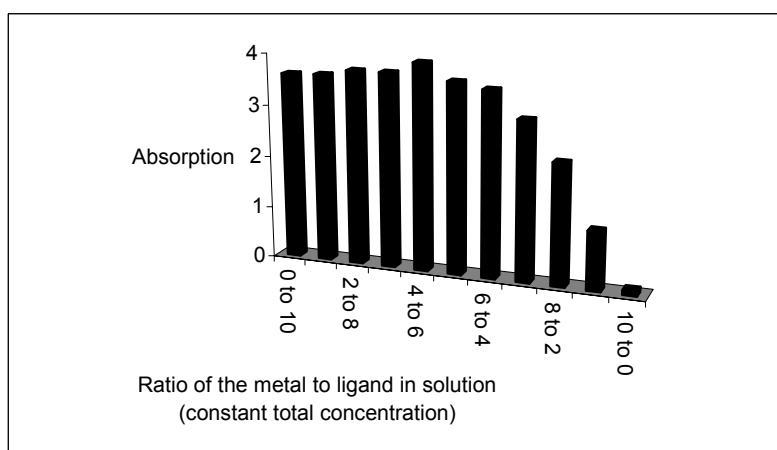


Fig. A.2 UV/vis. absorption spectrum of a $\text{Zn}(\text{OAc})_2$ solution in methanol with a solution of $\text{L}^{3\text{RR}}$ in methanol at a constant total concentration $5.63 \times 10^{-5} \text{ mol dm}^{-3}$ ($[\text{M}]+[\text{L}]$) at 316 nm.