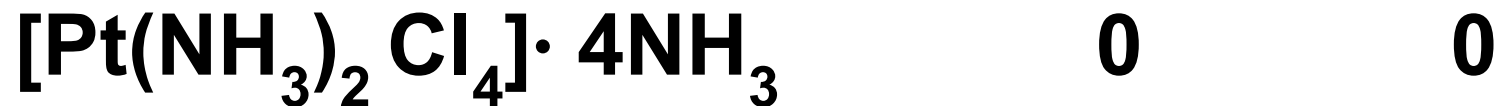


Комплексные соединения:

Теория Вернера:

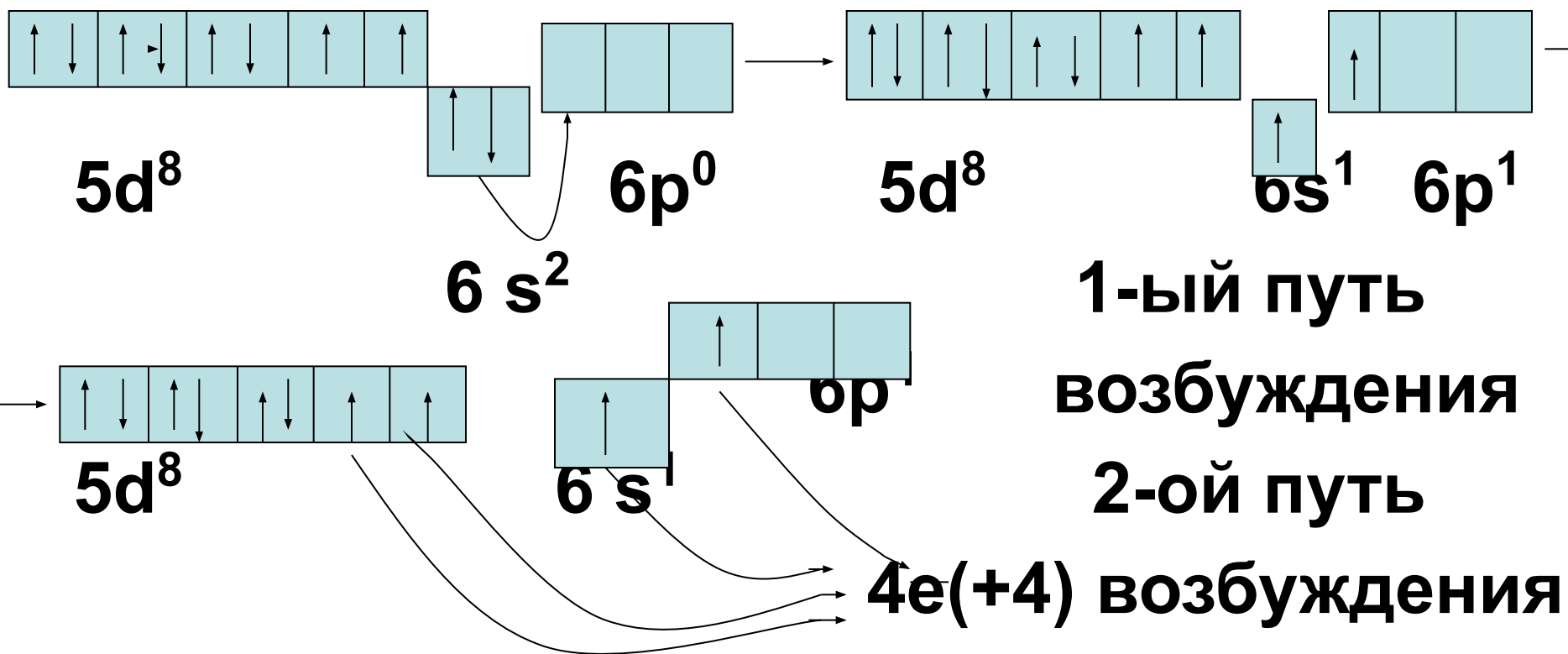
$1/R \text{ ом}^{-1}$ $-\text{:Cl}$



Pt – центральный атом с к. ч. = 6

: NH_3 , Cl^- – лиганды

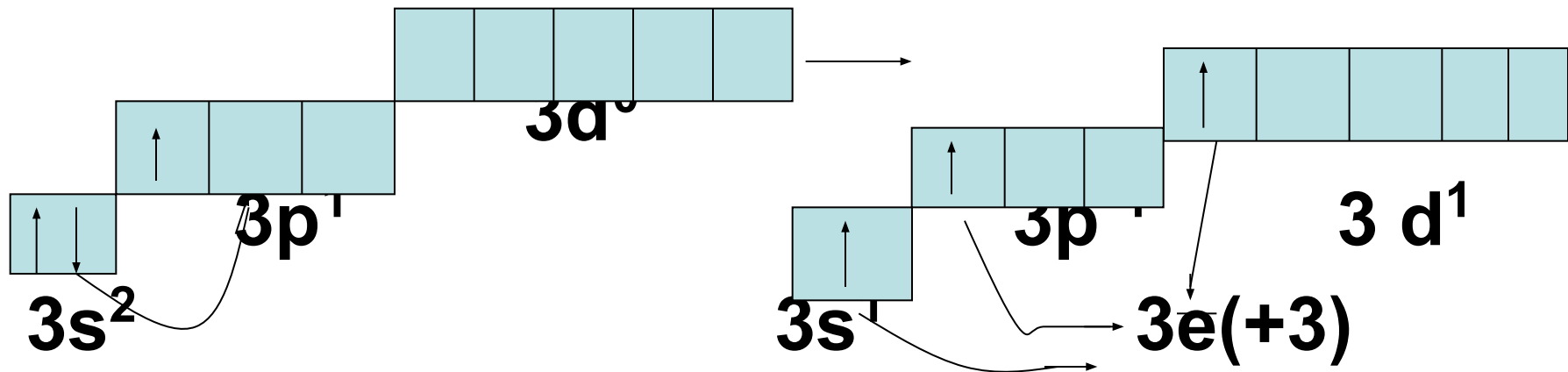
Современная теория:



к.ч. $\text{Pt}^{+4} = d^2 s^1 p^3 = 6$

-р-эл.

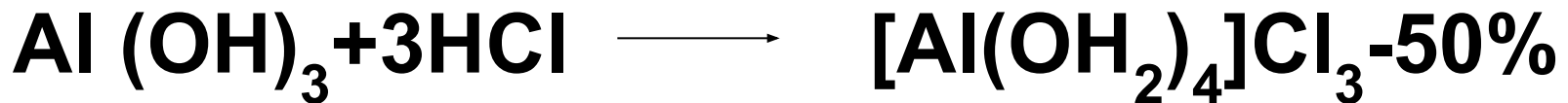
Al – последний третий квантовый слой

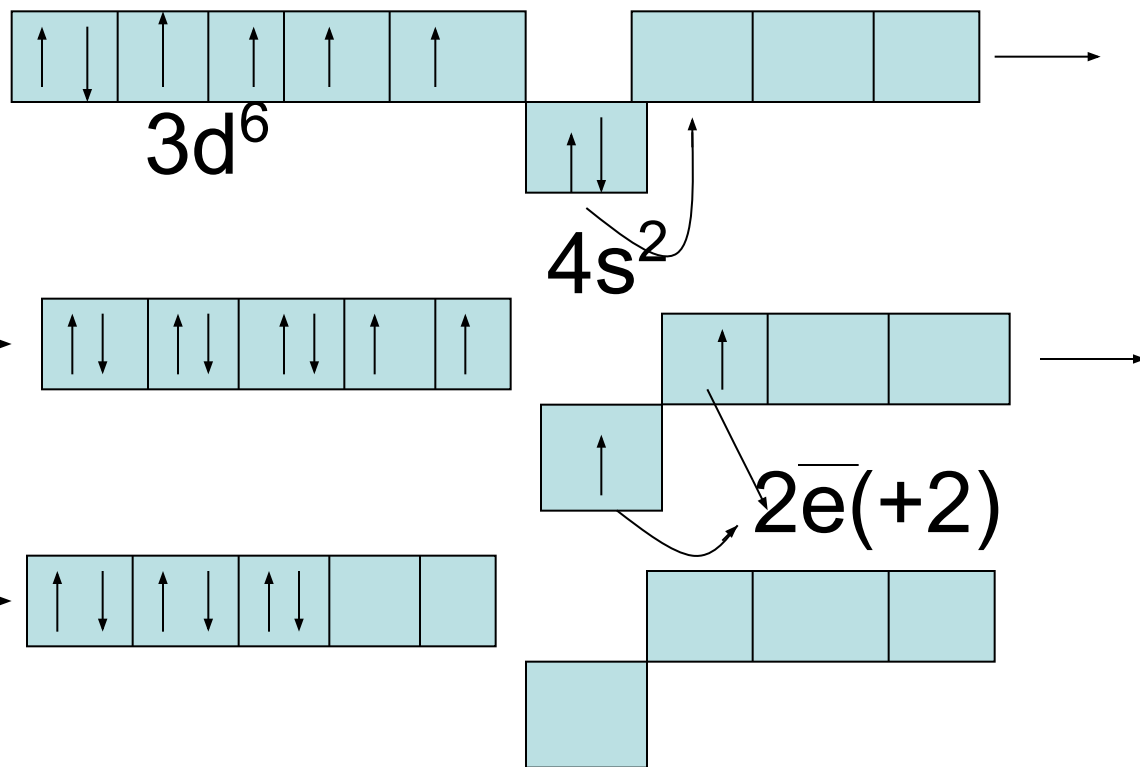
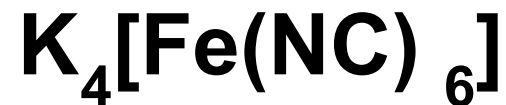
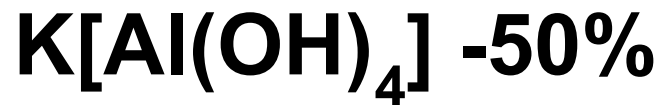
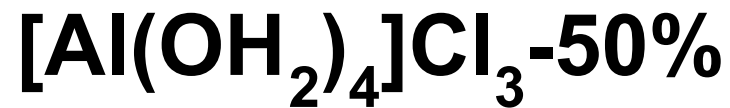
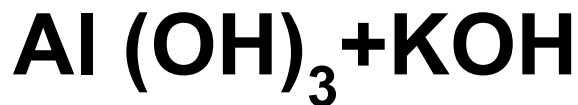


→

к.ч. $\text{Al}^{+3} = s^1 p^3 d^5 = 9$

НОН





S=0

к.ч. Fe⁺² = d² s¹ p³ = 6

В гемоглобине: к.ч. Fe⁺² = 6