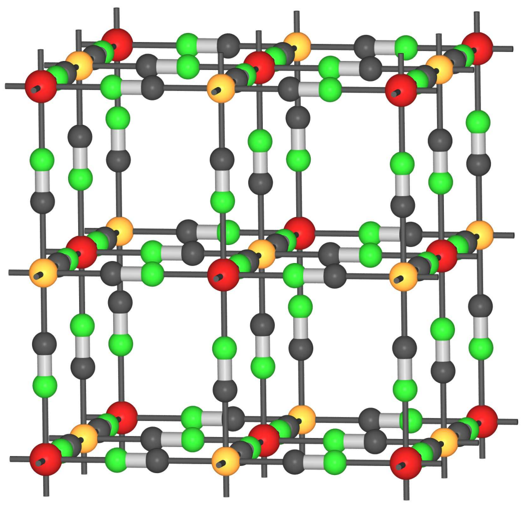
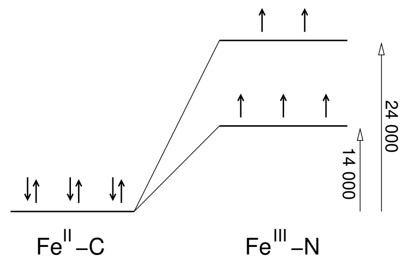
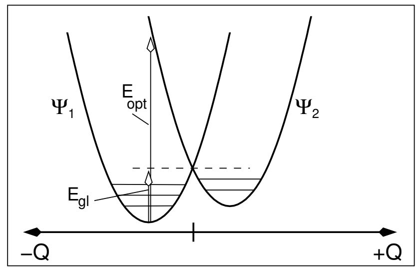
2.3.1. MM-CT (Gemischtvalenz) (Forts.)



$[Fe^{II}Fe^{III}(CN)_6]^-$: Farbträger in Berliner Blau



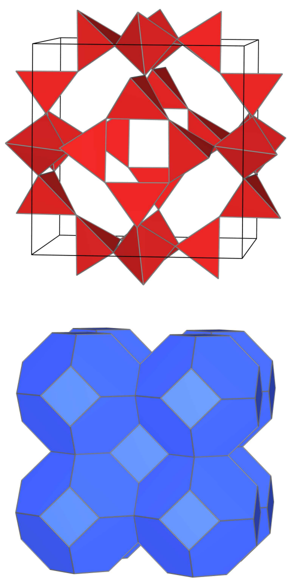


$$\Psi_1 = 1/N\,(\Psi_a + 0.1\,\Psi_b) \qquad \Psi_a : Fe^{II}—C—N—Fe^{III}$$

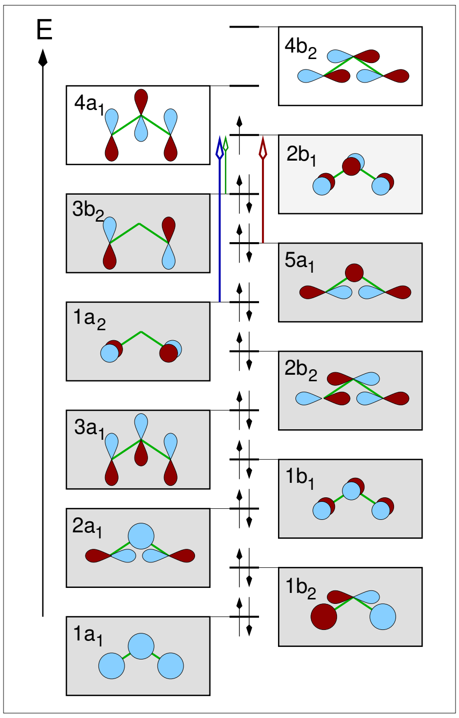
mit

$$\Psi_2 = 1/N\,(\Psi_b + 0.1\,\Psi_a) \qquad \Psi_b : Fe^{III}—C—N—Fe^{II}$$

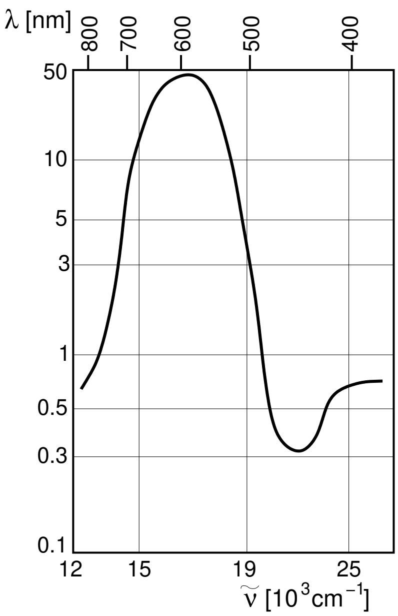
2.4. Übergänge in Radikal-Ionen



Sodalith-Gerüst von Ultramarinen $Na_7[Al_6Si_6O_{24}](S_3)$



Vereinfachtes MO-Schema des S_3^--Ions



Spektrum von Ultramarin-Blau