

inner-sphere electron transfer

Historically an electron transfer between two metal centres sharing a ligand or atom in their respective coordination shells. The definition has more recently been extended to any situation in which the interaction between the donor and acceptor centres in the *transition state* is significant ($>20 \text{ kJ mol}^{-1}$).

See also *outer-sphere electron transfer*.
1994, 66, 1125; 1996, 68, 2247