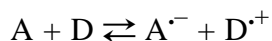


**reorganization energy,  $\lambda$**

In a one-electron transfer reaction:



the reorganization energy  $\lambda$  is the energy required for all structural adjustments (in the reactants and in the surrounding solvent molecules) which are needed in order that A and D assume the configuration required for the transfer of the electron.

See *intrinsic barrier*, *Marcus equation*.

1994, 66, 1160; see also 1996, 68, 2271