

## Marcus–Coltrin path

A path trajectory over a potential-energy surface which corresponds to the outermost vibrational turning points for the molecular species involved. This path was suggested as a device for calculating the probability of quantum-mechanical tunnelling: the trajectory for the system is considered to follow this path.

**Source:**

PAC, 1996, 68, 149 (*A glossary of terms used in chemical kinetics, including reaction dynamics (IUPAC Recommendations 1996)*) on page 172