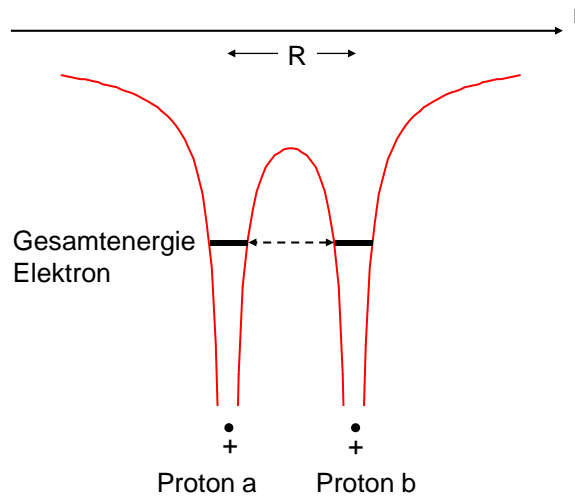


7-2 / 1

Wasserstoffmolekulation

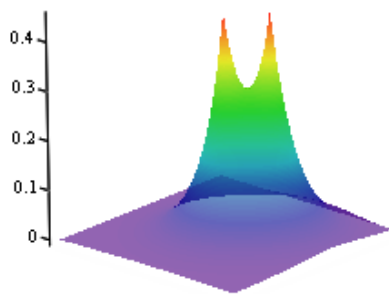


7-2 / 2

Molekülorbitale

symmetrische Wellenfunktion:

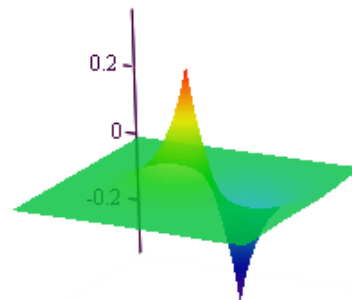
$$\Psi_S = N_S(\Psi_a + \Psi_b)$$



bindendes MO

antisymmetrische Wellenfunktion:

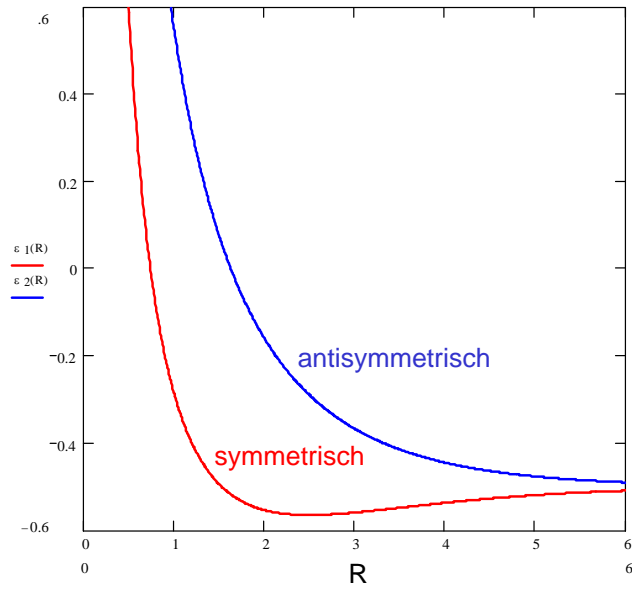
$$\Psi_A = N_A(\Psi_a - \Psi_b)$$



nichtbindendes MO

7-2 / 3

Wechselwirkungsenergie



7-2 / 4

Wechselwirkungsenergie

