

homoconjugation

1. [obsolete] Association between a base and its conjugate acid through a hydrogen bond ($B \dots HB^+$ or $AH \dots A^-$). Homoassociation is a more appropriate term for this phenomenon.
2. The orbital overlap of two π -systems separated by a non-conjugating group, such as CH_2 .

See also: conjugate acid–base pair, conjugated system, homoaromatic

Source:

PAC, 1994, 66, 1077 (*Glossary of terms used in physical organic chemistry (IUPAC Recommendations 1994)*) on page 1121