

atom-atom polarizability

A quantity used in perturbation *HMO* theory as a measure of the change in electron density, q , of atom s caused by a change in the electronegativity (or Coulomb integral) of atom r :

$$\pi_{sr} = \frac{\partial q_s}{\partial a_r}$$

Source:

PAC, 1999, 71, 1919 (*Glossary of terms used in theoretical organic chemistry*) on page 1924