atom-bond polarizability

A quantity used in perturbation *HMO* theory as a measure of the change in electron density, q, of atom m caused by a change in the resonance integral, β, of bond *rs*:

$$\pi_{m,rs} = \frac{\partial q_m}{\partial \beta_{rs}}$$

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