

Errata

Theoretical Study of Optical Absorption Curves of Molecules. III

—Force Constant and Bond-Bond Interaction in Conjugated Molecules—

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1. Page 659, Eq. (2·9)

$$\dots\dots \pi_{ab, cd}^s \left(\frac{\partial \beta_{cd}}{\partial R_{cd}} \right)_0 \left(\frac{\partial \beta_{ab}}{\partial R_{ab}} \right)_0 \text{ should read } 2\pi_{ab, cd}^s \left(\frac{\partial \beta_{cd}}{\partial R_{cd}} \right)_0 \left(\frac{\partial \beta_{ab}}{\partial R_{ab}} \right)_0 .$$

2. Page 659, Eq. (2·10)

$$\dots\dots \frac{1}{2} L_s (R^s - R_{ab}^0) \dots\dots \text{ should read } \frac{1}{2} L_s (R^s - R_{ab}^0)^2 .$$

3. Page 664, Eq. (5·2)

$$\pi_{1-2, 1-2}^a = \frac{11}{54\beta_0} \text{ should read } \pi_{1-2, 1-2}^a = \frac{13}{54\beta_0} .$$

4. Page 667, last line of Table III (b)

$$-0.23 \quad 0.06 \quad \dots \text{ should read } -0.23 \quad 0.34 \quad \dots .$$