A key to the understanding of electron-molecular vibration coupling in organic charge transfer salts: application of the two-site Hubbard model

1997 J. Phys.: Condens. Matter 9 2349

(http://iopscience.iop.org/0953-8984/9/10/019)

J. Phys.: Condens. Matter **9** (1997) 2349. Printed in the UK PII: S0953-8984(97)76169-1

Erratum

A key to the understanding of electron-molecular vibration coupling in organic charge transfer salts: application of the two-site Hubbard model
M E Kozlov, V A Ivanov and K Yakushi 1996 *J. Phys.: Condens. Matter* **8** 1011–20

The definition of matrix elements on page 1014, fourth paragraph, equation (8) contained an error. The correct definition is given below.

We can also estimate magnitudes of matrix elements in $\langle E_i|n_a + n_b|E_i\rangle$ related to the occupation of sites with two electrons of opposite spin, and one-electron-per-site members. For the ith state, they are expressed correspondingly as $2(\alpha_i^2 + \beta_i^2)$ and $2(\phi_i^2 + \eta_i^2)$.

$$\langle E_i|a_+^+a_+ + a_-^+a_- + b_+^+b_+ + b_-^+b_-|E_i\rangle = 2(\alpha_i^2 + \beta_i^2) + 2(\phi_i^2 + \eta_i^2). \qquad (8)$$

0953-8984/97/102349+01$19.50