

Erratum: Detangling flat bands into Fano lattices

SERGEJ FLACH¹, DANIEL LEYKAM², JOSHUA D. BODYFELT¹, PETER MATTHIES³ and ANTON S. DESYATNIKOV²

¹ *New Zealand Institute for Advanced Study, Centre for Theoretical Chemistry and Physics, Massey University
0745 Auckland, New Zealand*

² *Nonlinear Physics Centre, Research School of Physics and Engineering, The Australian National University
Canberra ACT 0200, Australia*

³ *Moscow Institute for Physics and Technology (State University) - 9 Institutskiy pereulok, Dolgoprudny,
Moskovskaya obl., 141700 Russia*

Original article: *EPL*, **105** (2014) 30001.

PACS 99.10.Cd – Errata

Copyright © EPLA, 2014

Equation (9) contains two mistakes. In the text, the arguments of \mathcal{P} , y and $\frac{1}{z}$ were mixed up due to a transcription error. The additional factors of 2 appear when the correct distribution $\epsilon_n^+ = (\epsilon_n^a + \epsilon_n^b)/2$ is used, instead of $(\epsilon_n^a + \epsilon_n^b)$. The correct eq. (9) should read as follows:

$$\mathcal{W}(z) = \frac{2}{z^2} \int \mathcal{P}(y) \mathcal{P}\left(\frac{2}{z} - y\right) dy. \quad (9)$$

The discussion following eq. (9) is unaffected, as it was based on the above correct expression.