Erratum

Further Establishment of the Field Perturbation Theory of the Pseudogaps in HTSC

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1. On page 242 (top left column) the equal signs are missing from the equations. The correct equations are as follows:

$$M_k = \begin{bmatrix} u_k^2 & -u_k v_k \\ -u_k v_k & v_k^2 \end{bmatrix},$$

and

$$N_k = \begin{bmatrix} v_k^2 & u_k v_k \\ u_k v_k & u_k^2 \end{bmatrix}.$$

2. There is an error in equation 17. The correct equation is as follows:

$$H_0(x) = \frac{1}{2} \sum_{k,s} \{ \varepsilon_k \tilde{\Psi}_{k,s}^\dagger \tau_3 \tilde{\Psi}_{k,s} + \Lambda_k [\tilde{\Psi}_{k,s}^\dagger \tilde{\Psi}_{k,s} + \tilde{\Psi}_{k,s}^\dagger(x) \tau_1 \tilde{\Psi}_{k,s}(x)] + (E_k - \Lambda_k) \}.$$

3. On page 244 there is an error in the first sentence of the last paragraph. The correct sentence is as follows:

Thus, we may have momentum-defined interactions that are terminated by two I vertices, and momentum-defined interactions that are terminated by two τ_1 vertices.

4. The page number is incorrect in Ref. 6. The correct reference is as follows:
M. Dayan, *J. Supercon.* **19**, 477 (2006).

The online version of the original article can be found at:
<http://dx.doi.org/10.1007/s10948-006-0184-5>

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