ERRATUM:

HEAT TRANSPORT IN A THREE DIMENSIONAL SLAB GEOMETRY AND THE TEMPERATURE PROFILE OF INGEN-HAUSZ'S EXPERIMENT

[Int. J. Mod. Phys. B, Vol. 27, No. 13 (2013) 1350057 (14 pages)]

SHILADITYA ACHARYA* and KRISHNENDU MUKHERJEE†

*Department of Physics,
 Bengal Engineering and Science University,
 Shibpur, Howrah – 711 103, West Bengal, India*

**shiladitya.acharya@gmail.com*

†kmukherjee@physics.becs.ac.in

Published 9 July 2013

The correct equations (37) (39), (41), (43), (50) and (55) are:

$$j_{\mathbf{n}} = \frac{1}{2} \langle (x_{\mathbf{n}} - x_{\mathbf{n}+\hat{\mathbf{e}}_1})(\dot{x}_{\mathbf{n}+\hat{\mathbf{e}}_1} + \dot{x}_{\mathbf{n}}) \rangle, \quad (37)$$

$$J = -\frac{1}{2W_2W_3(N-1)} \sum_{\mathbf{p}} \sum_{k_1, k_2=1}^N \sum_{n_1=1}^{N-1} (a_{n_1+1}^{(k_1)} - a_{n_1}^{(k_1)})(a_{n_1+1}^{(k_2)} + a_{n_1}^{(k_2)}) \\ \times \langle \xi_{k_1}(\mathbf{p}, t) \dot{\xi}_{k_2}(-\mathbf{p}, t) \rangle, \quad (39)$$

$$J = \frac{\gamma}{N-1} \sum_{j=1}^N z_j I_j(N, \gamma), \quad (41)$$

$$J = \frac{\gamma}{N-1} \sum_{j=1}^{N/2} (z_j - z_{N+1-j}) I_j(N, \gamma), \quad (43)$$

$$J = \frac{\gamma}{2(N-1)} \left(\frac{T_1 - T_N}{C_{1,1} - C_{N,1}} \right) I_1(N, \gamma), \quad (50)$$

$$J = \kappa \frac{(T_1 - T_N)}{N - 1}. \quad (55)$$

The above corrections do not change the abstract, calculations and conclusions of the paper.