Errata

Erratum: Limitations of spin-wave theory in $T = 0$ spin dynamics
[Phys. Rev. B **28**, 1529 (1983)]

James H. Taylor and Gerhard Müller

Equation (14) contains a misprint. This equation should read

$$S_{zz}(q,\omega) = \frac{\gamma^2}{1-\gamma^2} \frac{[4J^2(1-\gamma^2)\cos^2(q/2)-(\omega-2J)^2]^{1/2}}{[\omega-2J\sin^2(q/2)]^2+J^2\gamma^2\sin^2 q} \theta[4J^2(1-\gamma^2)\cos^2(q/2)-(\omega-2J)^2] \; .$$

Erratum: Exact solutions to the time-dependent Landau-Ginzburg model of phase transitions
[Phys. Rev. B **29**, 380 (1984)]

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The authors of this paper wish to apologize for the numerous errors that have been made by them. Fortunately, these errors are mainly typographical and do not alter the final results and conclusions drawn. For convenience we list the relevant corrections as follows.

(1) In the unnumbered equation appearing between Eqs. (2) and (3) $\eta = \eta$ should be replaced by $\eta = \bar{\eta}$. The same change applies to the inequality that follows.

(2) In the second line below Eq. (8) the words "Eq. (5)" should read "Eq. (3)."

(3) In Eq. (10) "$A_2 = 2A_4\eta^2$" should read "$A_2 - 2A_4\eta^2$."

(4) Three lines below Eq. (10) the footnote 15 should read 5.

(5) Equation (14) should be preceeded by the following: "...replaces Eq. (10) and is written in terms of the complex function $\bar{\eta}$." Equation (14) should read

$$\tfrac{1}{2}D\bar{\eta}_{xx} + \tfrac{1}{2}[2A_2 + (n+2)A_{n+2}|\bar{\eta}|^n + (2n+2)A_{2n+2}|\bar{\eta}|^{2n}]\bar{\eta} = -i\bar{\eta}_t \; . \tag{14}$$

(6) In Eq. (15) $\dot{\eta}(x)^2$ should be replaced by $|\dot{\eta}(x)|^2$.

(7) In the exponential of Eq. (16) a factor

$$\left(\frac{\partial^2 \mathscr{H}}{\partial \eta^2}\right)_{\eta = \bar{\eta}}$$

is missing.

(8) Three lines below Eq. (16) "$\tilde{\eta} = \bar{n}$" should read "$\tilde{\eta} = \bar{\eta}$."

(9) The first term in the bracket of Eq. (17) should be H_0.

(10) Four lines below Eq. (18) should be as follows: "...the Hamiltonian density $\mathscr{H}(x)$."

(11) There should be bars put over all η's in Eqs. (19a)–(22). Moreover, in Eq. (19a) H should read $-H$.

(12) Equation (20) should read

$$L = (i/2)(\bar{\eta}\bar{\eta}_t^* - \bar{\eta}^*\bar{\eta}_t) + (D/2)|\bar{\eta}_x|^2 - A_2|\bar{\eta}|^2 - A_{n+2}|\bar{\eta}|^{n+2} - A_{2n+2}|\bar{\eta}|^{2n+2} - H_0 \; . \tag{20}$$

(13) Equation (22) should read

$$\tfrac{1}{2}D\bar{\eta}_{xx} + \tfrac{1}{2}[2A_2 + (n+2)A_{n+2}|\bar{\eta}|^n + (2n+2)A_{2n+2}|\bar{\eta}|^{2n}]\bar{\eta} = -i\bar{\eta}_t \; . \tag{22}$$

Consequently, in all the equations and inequalities following Eq. (22), the constant D should be replaced by $-D/2$, A_2 by $A_2/2$, A_{n+2} by $A_{n+2}/2$, and A_{2n+2} by $A_{2n+2}/2$.

(14) In Eq. (23) a plus sign should stand between A_2 and $(n+2)$.