

There is an error in the definition of  $\theta_1$  and therefore in the definition of  $\theta$  and the phase  $\phi^+$  and  $\phi$  in the case  $\epsilon_V > 1/2$ . The definition of  $\theta_1$  on page 1289 should be

$$\theta_1(x, \xi) = \begin{cases} \int_0^\infty V_A(x + 2t\xi - Ft^2\mathbf{e}_1) - \\ \quad V_A(-Ft\mathbf{e}_1 + 2t\xi_1 - Ft^2\mathbf{e}_1) dt & \text{if } \epsilon_V \leq 1/2 \\ \int_0^\infty V_A(x + 2t\xi - Ft^2\mathbf{e}_1) dt & \text{if } \epsilon_V > 1/2. \end{cases}$$