Errata

Erratum: Solvable Hill equation [Phys. Rev. A 30, 2749 (1984)]

Lee W. Casperson

In Eq. (6), the denominators "$1+G\sin 2x$" should read "$1+G\cos 2x$." The correct form of Eq. (6) should read as follows:

$$y(x)=a\left[\frac{1+G\cos 2x}{1+G}\right]\cos\left\{\frac{F^{1/2}}{2(1-G^2)}\left[\frac{G\sin 2x}{1+G\cos 2x}-\frac{2}{(1-G^2)^{1/2}}\tan^{-1}\left[\frac{(1-G^2)^{1/2}\tan x}{1+G}\right]\right]\right\}$$
$$+b\left[\frac{1+G\cos 2x}{1+G}\right]\sin\left\{\frac{F^{1/2}}{2(1-G^2)}\left[\frac{G\sin 2x}{1+G\cos 2x}-\frac{2}{(1-G^2)^{1/2}}\tan^{-1}\left[\frac{(1-G^2)^{1/2}\tan x}{1+G}\right]\right]\right\}, \tag{6}$$

Similarly, the equation in footnote 13 on page 2751 should read

$$\int_0^{*}\frac{dx'}{(1+G\cos 2x')^2}=-\frac{1}{2(1-G^2)}\left[\frac{G\sin 2x}{1+G\cos 2x}-\frac{2}{(1-G^2)^{1/2}}\tan^{-1}\left[\frac{(1-G^2)^{1/2}\tan x}{1+G}\right]\right].$$

Erratum: Vanishing of first-passage times near the limit of metastability [Phys. Rev. A 30, 2849 (1984)]

Subodh R. Shenoy

A minus sign was missing on the second line above Eq. (1) (page 2849): ". . . a force term $-A(\mathbf{x},\mu)$."

A phrase was missing after the last line on page 2849: "[If $\Delta\Phi\sim(\Delta x)^{\alpha}$, then $\epsilon\rightarrow\epsilon'=\epsilon^{2/\alpha}$ in what follows, with final results the same.]."

