1

In (39) a factor $\frac{1}{2}$ instead of 2 because $2T/b_0 = (f_{cr}f_\kappa)^{1/2}$ instead of $T/b_0 = 2(f_{cr}f_\kappa)^{1/2}$:

(39):

$$\begin{aligned}\frac{1}{L}\left[F(f)-F(0)\right] &= \\ &= -f - \frac{f^2}{2f_k} + \frac{d_\perp}{2}\left(f_{cr}f_\kappa\right)^{1/2}\operatorname{arcsinh}\left[\left(\frac{f_{\rm eff}}{f_\kappa}\right)^{1/2}\right] \\ &\quad + \frac{d_\perp}{2}\left(f_{cr}f_L\right)^{1/2}\ln\left[\frac{f_{\rm eff}}{f_{cr}}\right], \end{aligned} \tag{1}$$

where we used $2T/b_0 = (f_{cr}f_\kappa)^{1/2}$ and $T/L = (f_{cr}f_L)^{1/2}$.

The subsequent result (40) is correct again.

2

In (69) the factor $1/f_{cr}$ should be a factor f_{cr} because $T^2/\kappa = f_{cr}$. The formulae (69), (76), (78), (79) have to be corrected:

(69):

$$\begin{aligned} -E\psi_E(\mathbf{t}) &= \left[\frac{f_{cr}\hat{\mathbf{L}}^2}{2} + (\mathbf{f}\cdot\mathbf{t}) + \frac{1}{2f_k}\left(\mathbf{f}\cdot\mathbf{t}(s)\right)^2\right]\psi_E(\mathbf{t}) \\ &\equiv -\hat{H}\psi_E(\mathbf{t}), \end{aligned} \tag{2}$$

(76):

$$\begin{aligned} E_0 &= \min_a\left\{\frac{\langle\psi_a|\hat{H}\psi_a\rangle}{\langle\psi_a|\psi_a\rangle}\right\} \\ &= \min_a\left\{\frac{1}{I(af)}\left[\frac{f_{cr}}{2}\left(\frac{1}{4}(af)^2(I''(af)-I(af)) \right.\right.\right. \\ &\qquad \left.\left.\left. + \frac{d-1}{2}afI'(af)\right) - fI'(af) - \frac{f^2}{2f_k}I''(af)\right]\right\}. \end{aligned} \tag{3}$$

(78):

$$E_0 = \min_a\left\{\frac{I_1(af)}{I_0(af)}\left(\frac{f_{cr}}{8}af - f + \frac{f^2}{2f_k}\frac{1}{af}\right) - \frac{f^2}{2f_k}\right\}. \tag{4}$$

(79):

$$E_0 = \min_a \left\{ \left(\coth af - \frac{1}{af} \right) \left(\frac{f_{cr}}{4} af - f + \frac{f^2}{f_k} \frac{1}{af} \right) - \frac{f^2}{2f_k} \right\}. \quad (5)$$

Numerics have been done in dimensionless units and are unaffected.

3

In (B.2) $c(d-1)$ instead of $c(d)$:

$$Z(f) = \left[c(d-1) \int_0^\pi d\theta (\sin\theta)^{d-2} e^{fb\cos\theta/T} \right]^N$$

In (B.4) a factor T/fb is missing in the bracket:

$$Z(f) = \left[2\pi \frac{T}{fb} \sinh\left(\frac{fb}{T} \right) \right]^N$$