

Errata

Eqn. (4.28)

Is:

$$\int_0^\infty \frac{J_1(s_1 t) J_1(s_2 t)}{t^2} dt = \frac{2}{3s_2 \pi} \left((s_1^2 + s_2^2) E \left(\frac{s_2}{s_1} \right) - (s_1^2 - s_2^2) K \left(\frac{s_2}{s_1} \right) \right)$$

but should be:

$$\int_0^\infty \frac{J_1(s_1 t) J_1(s_2 t)}{t^2} dt = \frac{2}{3s_2 \pi} \left((s_1^2 + s_2^2) E \left(\frac{s_2^2}{s_1^2} \right) - (s_1^2 - s_2^2) K \left(\frac{s_2^2}{s_1^2} \right) \right)$$

Eqn. (4.30)

Is:

$$\tilde{R}_{x,h}^{-1} = \frac{n_h(0)}{n_u} R_{x,h}^{-1} = C_0 + C_1 w + C_2 w^2 + \dots$$

but should be:

$$\frac{\tilde{R}_{x,h}^{-1}}{R_{x,u}^{-1}} = \frac{n_h(0)}{n_u} \frac{R_{x,h}^{-1}}{R_{x,u}^{-1}} = C_0 + C_1 w + C_2 w^2 + \dots$$

Eqn. (4.31)

Is:

$$R_{x,h}^{-1} = D_1 w^2 \ln w^2 + D_2 w^2 + \dots$$

but should be:

$$\frac{R_{x,h}^{-1}}{R_{x,u}^{-1}} = 1 + D_1 w^2 \ln w^2 + D_2 w^2 + \dots$$

Captions of
Figs. 4.8–4.13

All occurrences of:

$$(\tilde{R}_{x,h}^{-1}(0) - 1)/R_{x,u}^{-1}$$

should be:

$$(\tilde{R}_{x,h}^{-1}(0)/R_{x,u}^{-1} - 1)$$