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Errata: Stochastic ion heating by a lower hybrid wave

[Phys. Fluids, 21(9):1584–1599, September 1978]

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Page 1584, Abstract, line 1: replace “ ν ” by “ v ”. Thus: “ $v_{\perp} \gtrsim \omega/k_{\perp}$ ”.

Page 1590, Eq. (44): delete the “/” before the first “sin”. Thus

$$R = \delta - (2/\pi)^{1/2} \alpha \nu r^{-3/2} \sin(r - \frac{1}{2}n\pi - \frac{1}{4}\pi) \sin(nw_1 - w_2),$$

Page 1593: the two lines following Eq. (69) should read:

as a uniformly valid stochasticity condition.

To show the dependence of the angle in (69) we pick the region . . .

Page 1593, Eq. (70): replace “ v ” by “ ν ”. Thus:

$$\alpha = \text{Min}\left(\frac{\nu^{2/3}}{4\xi^2}, \frac{\nu^{1/3}}{16\zeta^2}\right)$$

Page 1594, Fig. 12: the horizontal axis should be labeled “ $\alpha_{\parallel} = \zeta\alpha$ ”.

Page 1594, Eq. (73): delete the “(“ before the “ $\frac{1}{2}\beta y^2$ ”. Thus:

$$h = \frac{1}{2}(p_x + y + \frac{1}{2}\beta y^2)^2 + \frac{1}{2}p_y^2 - \alpha \sin(y - \nu t).$$

Page 1597, line 3 after Eq. (A4): replace “ v ” by “ ν ”. Thus: “ $r \approx \nu + (\frac{1}{2}\nu)^{1/3}$ ”.