

Erratum: “Classical Cross-Field Self-Diffusion Due to Finite Larmor Radius” [Plasma Fusion Res. 18, 1203090 (2023)]

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There were careless (but not influential) errors in Eqs. (3) and (7); the term “ $2^{1/2}\rho_i \sin \Theta$ ” should be changed to “ $-2^{1/2}\rho_i \cos \Theta$ ”. There was an error above Eq. (5) in the evaluation of $D_{\perp}^{i/i}$; the term “ Z^3 ” should be changed to “ Z ”.

There was an inadvertent error of the κ_T coefficient in Eq. (11); the term “ $\mathbf{v}_{\perp}(1 + \kappa_T \rho_i G_{\Psi-\Phi}) \cos \Psi$ ” should be changed to “ $\mathbf{v}_{\perp}\{1 + (1/2)\kappa_T \rho_i G_{\Psi-\Phi}\} \cos \Psi$ ”.

There were sequential errors of κ_T coefficients for the friction forces: the term “ $0.80(\kappa_n - \kappa_T)$ ” for $\langle F_{ip} \rangle_{\Psi, \Phi}$ in Eq. (12) should be changed to “ $(0.80\kappa_n - 1.0\kappa_T)$ ”, “ $(1/2\kappa_n - 1/4\kappa_T)$ ” for $\langle F^* \rangle_{\Psi, \Phi}$ to “ $(\kappa_n - \kappa_T)/2$ ”, and “ $(0.30\kappa_n - 0.55\kappa_T)$ ” for $\langle F^{\text{net}} \rangle_{\Psi, \Phi}$ to “ $(0.30\kappa_n - 0.50\kappa_T)$ ”.

There were also sequential errors of κ_T coefficients in Eq. (13) and following equations: the term “ $(0.60T_i \partial n_i / \partial x - 1.10n_i \partial T_i / \partial x)$ ” in Eq. (13) should be changed to “ $(0.60T_i \partial n_i / \partial x - 1.0n_i \partial T_i / \partial x)$ ”, “ $(0.6\kappa_n - 1.1\kappa_T)$ ” for V_x to “ $(0.6\kappa_n - \kappa_T)$ ”, “ $(0.8\kappa_n + 2.2\kappa_T)$ ” in Eq. (14) to “ $(0.8\kappa_n + 2\kappa_T)$ ”, and “ $(\kappa_n + 1.8\kappa_T)$ ” for ZeE below Eq. (14) should also be changed to “ $(\kappa_n + 1.7\kappa_T)$ ”.