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December 12, 2003

Physics of Plasmas
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1. In Eq. (11) and in the first line of Eq. (16) there should be $\sin\psi_H$, not $\cos\psi_H$. This error does not propagate to the further equations.

2. There is a sign error in Eq. (1) where there should be $-\Omega$ instead of $+\Omega$. An analogous sign error is made in Eq. (4), where there should be $-\omega$ instead of $+\omega$. Accordingly, in all the further equations of the paper, including Appendix, a change $\Omega \rightarrow -\Omega$, $\omega \rightarrow -\omega$ must be made. Alternatively, one can leave the signs of $\Omega$ and $\omega$ unchanged but assume that the magnetic field is directed in the negative (not positive) direction of the axis $z$.

3. One more sign error was made in Eq. (6), where there should have been a “minus” sign before the second term in the square brackets. To fix the consequences of this error, one should change the sign of $\tilde{\nu}_{cx}$ in all the equations starting on from Eq. (11).

4. In Eq. (A5) there should be $Mw^2/T$ instead of $Mv^2/T$.

I am grateful to Dr. Ding Bojiang (Institute of Plasma Physics, Chinese Academy of Science, P. R. China) who has brought issues 1-3 to my attention. Work performed for US DoE by UC LLNL under contract W-7405-Eng-48.