
Hong-bo Cai,* Shao-ping Zhu, Mo Chen, Si-zhong Wu, X. T. He, and Kunioki Mima
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In the original paper [1] there is an error in the constants $c_1$ and $c_4$ in the two lines above Eq. (13). The correct expression should read

$$c_1 = c_4 = -\frac{\delta p_{e1}}{\delta p_{e2} + \delta p_{e1}} (\frac{n_{2}^{1}\frac{n_{2}^{1}}{n_{1}^{1}} - \frac{n_{1}^{1}\frac{n_{1}^{1}}{n_{2}^{1}}}}{n_{2}^{1}}).$$

Also, Eq. (13) correctly reads

$$\frac{eB_0}{m_e c} = \begin{cases} 
\frac{1}{(\delta p_{e1} + \delta p_{e2})} \left( \frac{n_{2}^{1}\frac{n_{2}^{1}}{n_{1}^{1}} - \frac{n_{1}^{1}\frac{n_{1}^{1}}{n_{2}^{1}}}}{n_{2}^{1}} \right) \exp \left[ \frac{y + d}{\delta p_{e2}} \right], & y < -d \\
\frac{1}{(\delta p_{e1} + \delta p_{e2})} \left( \frac{n_{2}^{1}\frac{n_{2}^{1}}{n_{1}^{1}} - \frac{n_{1}^{1}\frac{n_{1}^{1}}{n_{2}^{1}}}}{n_{2}^{1}} \right) \exp \left[ -\frac{y + d}{\delta p_{e2}} \right] - \exp \left[ \frac{y - d}{\delta p_{e2}} \right], & -d \leq y \leq d \\
\frac{-1}{(\delta p_{e1} + \delta p_{e2})} \left( \frac{n_{2}^{1}\frac{n_{2}^{1}}{n_{1}^{1}} - \frac{n_{1}^{1}\frac{n_{1}^{1}}{n_{2}^{1}}}}{n_{2}^{1}} \right) \exp \left[ -\frac{y - d}{\delta p_{e2}} \right], & y > d. 
\end{cases}$$

Fortunately we used the correct equation to calculate the numerical value of the magnetic field, as shown in Fig. 2 and Fig. 4(b). Therefore all other results of the paper remain unaffected.

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