Errata

Erratum: Relativistic modulational instability of an electromagnetic wave in a magnetized plasma

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Equation (9) should be converted to read
\[ A = \text{Re} A (\hat{i}_x - i \hat{i}_y) e^{i\theta} \]

Erratum: Triple-differential cross sections for the fast-electron-impact ionization of atomic hydrogen

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Equations (4) and (10) should read as

\[ J_{Q2} = \frac{i}{\pi k_0} \int \frac{dp}{p^3} |B(p)|^2 \langle \phi_f | \hat{B}(p \cdot \hat{r}) \hat{B}(p \cdot \hat{s}) | \phi_i \rangle \]  \hspace{1cm} (4)

\[ C = 2^{-3/2} \pi^{-3} k_0^{-1} e^{-\pi a^2 / 2 (1 + i\alpha)^{1/2}} \]  \hspace{1cm} (10)

With this correction it is found that the results in the second Born approximation and the modified Glauber approximation are almost identical for the kinematics of Figs. 1 and 2. The corrected Fig. 3 looks as the following:

![Graph](image)

FIG. 3. Same as Fig. 1, but for \( E_0 = 250 \text{ eV}, \theta_0 = 5^\circ, \) and \( E_b = 10 \text{ eV}. \)