Erratum: Left-Handed Materials Do Not Make a Perfect Lens


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We have noticed the following misprints.

The continuity condition in the second paragraph after Eq. (1) should be
\[ \partial_z [E_x^{(i)} + E_x^{(e)}]_{z=0} = (-1/\mu) \partial_z [E_x^{(i)}]_{z=0}. \]

The expression for \( r \) in the paragraph following Eq. (2) is
\[ r = \exp(-K_i z_0). \]

The equation immediately before Eq. (6),
\[ \mathbf{E}(z_0 \leq z \leq 0) = (A^{(i)} \exp(-K_i z_0), 0, 0) \left( \exp(ik\nu y - K_i z) - \frac{n_2}{n_2} + \frac{2i}{n_2} \exp(ik\nu y + K_i z) \right), \]
and Eq. (6) itself, must be
\[ \mathbf{E}(0 \leq z \leq d) = (A^{(i)} \exp(-K_i z_0), 0, 0) \frac{2}{n_2^2} \left( (2 - in_2) \exp[ik\nu y + K_i(z - 2d)] + iK_i n_2 (2d - z) \right) \]
\[ - in_2 \exp(iK_i n_2 z). \]

None of these misprints affect the results or conclusion of this paper.