Erratum to: Energy-aware analysis of electrically long high speed I/O links

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Unfortunately, the first part of the expression for the voltage transfer function in Eq. (3) is missing in the original publication. Correctly, the equation should read

$$H = \frac{V_1}{V_2} = A - \frac{(A \cdot Z_T + B) \cdot (A/Z_R + C)}{(A/Z_R + C) \cdot Z_T + B/Z_R + D}. \quad (1)$$

All figures and results in the original publication have been produced based on the correct equation.

Furthermore, we would like to mention that Eq. (1) should be changed to

$$\begin{pmatrix} V_1 \\ I_1 \end{pmatrix} = \begin{bmatrix} 1 & 0 \\ \frac{1}{Z_R} & 1 \end{bmatrix} \cdot \begin{bmatrix} A & B \\ C & D \end{bmatrix} \cdot \begin{bmatrix} 1 & Z_T \\ 0 & 1 \end{bmatrix} \begin{pmatrix} V_2 \\ -I_2 \end{pmatrix} \\ = \begin{bmatrix} A & A \cdot Z_T + B \\ \frac{A}{Z_R} + C & (\frac{A}{Z_R} + C) \cdot Z_T + \frac{B}{Z_R} + D \end{bmatrix} \begin{pmatrix} V_2 \\ -I_2 \end{pmatrix} \quad (2)$$

to be consistent with the current direction defined in Fig. 2(b), although the original equation is correct in itself.

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