

CORRECTION

# Correction: Analysis of the Transient Response of a Dual-Fed RC Transmission Line

The PLOS ONE Staff

In the Alternative Analysis of Dual-Fed RC Transmission Line sub-section of the Transient Response of RC Transmission Lines section there is an error in the 39<sup>th</sup> equation in the PDF version. The equation is incorrectly formatted. Please view the complete, correct equation here:

$$v(x, t) = \sum_{n=0}^{\infty} \left\{ u_1 \left[ \operatorname{erfc} \left( \left( 2n + \frac{x}{L} \right) / \sqrt{\frac{4t}{rcL^2}} \right) - \operatorname{erfc} \left( \left( 2n + 2 - \frac{x}{L} \right) / \sqrt{\frac{4t}{rcL^2}} \right) \right] + u_2 \left[ \operatorname{erfc} \left( \left( 2n + 1 - \frac{x}{L} \right) / \sqrt{\frac{4t}{rcL^2}} \right) - \operatorname{erfc} \left( \left( 2n + 1 + \frac{x}{L} \right) / \sqrt{\frac{4t}{rcL^2}} \right) \right] \right\}. \quad (39)$$

## Reference

1. Dorraki M, Cambrell GK, Abbott D (2015) Analysis of the Transient Response of a Dual-Fed RC Transmission Line. PLoS ONE 10(2): e0116993. doi:[10.1371/journal.pone.0116993](https://doi.org/10.1371/journal.pone.0116993) PMID: [25679379](https://pubmed.ncbi.nlm.nih.gov/25679379/)



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**Citation:** The PLOS ONE Staff (2015) Correction: Analysis of the Transient Response of a Dual-Fed RC Transmission Line. PLoS ONE 10(3): e0123497. doi:[10.1371/journal.pone.0123497](https://doi.org/10.1371/journal.pone.0123497)

**Published:** March 30, 2015

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