

Linear Circuits Transfer Function: An Introduction to Fast Analytical Circuits Techniques

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Compilation of on-line reviewers comments, readers comments, typos, mistakes and errors found by readers (or by the author himself)

1st Edition, 1st print

Acknowledgement: The measurement company name *Rohde & Schwarz* is misspelled.

Chapter 1

Page 26: there is an extra space character after point 5.

Page 30: the right-side of equation (1.75) misses V_{in} :

$$V_{th}(s) = V_{in}(s) \frac{\frac{1}{sC_1}}{\frac{1}{sC_1} + R_1} = \frac{V_{in}(s)}{1 + sR_1C_1}$$

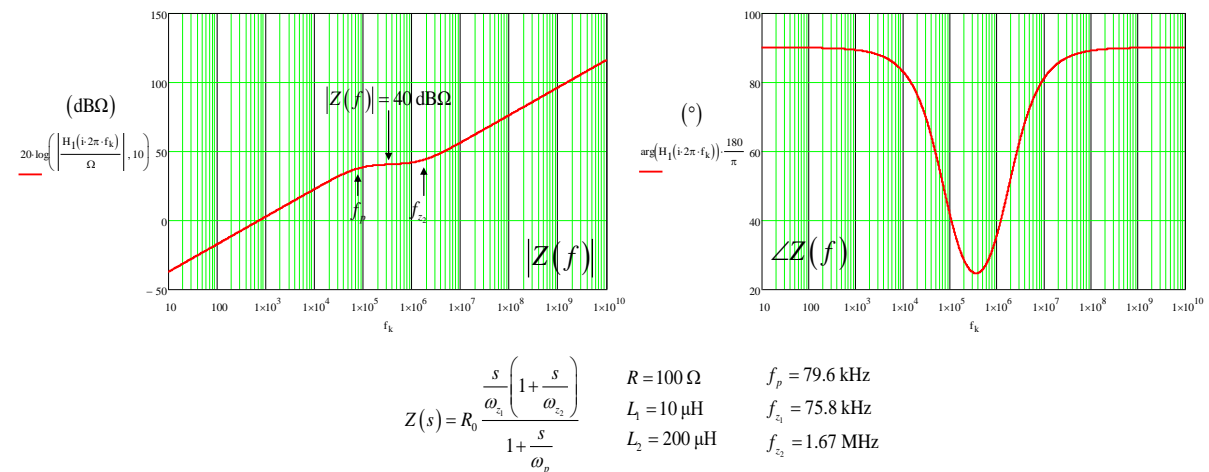
Chapter 2

Page 53: for an unknown reason, the s in equation (2.47) has disappeared:

$$H(s) = \frac{1 + \frac{s}{\omega_z}}{1 + \frac{s}{\omega_p}}$$

Page 76: Figure 2.37

The figure does not properly display some of the symbols:



Chapter 3

Page 126: above equation (3.38), ...then rearrange *in the* form... A space was missing.

Chapter 5

Page 428:

The gains H^{23} and H^{123} are equal to 1 and not 0. In the described configuration, $V_{in} = V_{out}$ but it forces an infinite current in the source meaning these arrangements have no physical meanings in these cases. I inserted a small resistance for convergence issues and it mislead me. Fortunately, some of the factored terms were already equal to 0 and there is no impact on the final result.