First Sentence

Describe the most important, all-encompassing accomplishment of Lab 1 in the first sentence of the Conclusion. Be direct. Example:

- The critically-damped launcher-circuit shot a paperclip fragment [then list the distances the paperclip fragments went].

Contents of Conclusion

Make the conclusion self-contained. Write the Conclusion for the person who has read or skimmed the report, but also make it decipherable for the person who only read the abstract or introduction. Eliminate external figure, table, or circuit references, (e.g., C_1), and focus on larger results that make sense on their own.

To decide what to put in the Conclusion, imagine you are submitting it to your boss. Avoid story telling. Focus on numerical results. Write succinct sentences. For Lab 1, the following information is the most important:

- R, L, and C values for the launcher circuit
- Distances for all launches of paperclip fragments
- Percent error for Matlab® simulations versus measured circuit waveforms, (and the sources of those errors).

Writing Style

Use more specific phrases if they convey more information without making sentences unreadable. Here are two examples illustrating the contrast:

- (Poor) The main purpose of Lab 1 was accomplished by building a circuit based on electromagnetic principles.
- (Better) The Lab 1 circuit, consisting of a critically-damped coil and capacitor, successfully launched a paper clip 6'2".

Miscellaneous Instructions

- Ruthlessly eliminate uninformative sentences.
- The launcher circuit, as opposed to the analyzed RLC circuits, was *critically* damped.
- Eliminate all occurrences of words "we" and "our".
- Use hyphens for related words, especially compound adjectives where the last adjective could be mistaken for a noun. Example: "the third-order circuit"