Communications:
/5 Organization (ease of locating figures/code/additional info)
/5 Clarity of style (ease of reading, and etc.)
/3 English (grammar, punctuation, and etc.)
/3 Introduction
/3 Figure titles and numbers
/4 Equations explained (at least one sentence between equations)
/3 Matlab explanations (see page 7, 2c of lab 1 handout)
/4 Explain how Vo and V1 produce a double spiral
/30 Total = ABET g score (enter separately on gd sheet)

Component Measurements:
-10 if completely ignored, including in Matlab
-5 if not mentioned in report, but included in Matlab calculations
-2 if in report (appendix) but not referenced or easily found
/10 Total

Circuit Design:
/4 Transformation to s domain (include initial cond)
/2 Determine I(s) from circuit
/2 Determine Vo(s) and V1(s)
/2 Inverse transform Vo(s) and V1(s) to time domain
Circuit parameters:
/2 Psi = +90 degrees
/4 a = b including comments if algebraic solver used
/1 1/alpha >= T
/3 Matlab plots of double spiral
/20 Total

Measurements:
/4 Real spirals plots (dlmread)
Measurements and derivations:
/3 alpha
/2 beta
/4 a
/2 b
/2 c
/3 psi
/20 Total

Comparison:
/3 Plot calculated and measured Vo(t) and V1(t) vs. t on same axes
/2 Explain differences
/4 Plot calculated and measured spirals
/1 Explain
/5 Compare calculated and measured alpha, beta, a, b, c, and psi, and explain differences
/15 Total

Conclusions:
/1 Validity of Models (Inductor model, etc.)
/1 Effectiveness of analysis procedure and methods
/3 Discretion of TA for good conclusion
/5 Total

/70 Grand Total (without communication score)