**Clarification to ME 419 Lab I manual**

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1. In Section 5.1, *you were asked to plot the voltage vs. time.* This year we have converted the voltage to temperature in the software and you don’t need to plot voltage. Instead, you should plot temperature vs. time. (4 trials)
2. In Section 5.2, *“Each series should look like a exponential starting at 0 and increasing to 1”.* This statement is wrong. Each series should look like an exponential starting at 1 and decreasing to 0.
3. In Section 5.3, *By comparison of curve-fit equation that you just found, with the 1st Order Approximation Equation, estimate values for ζ1.*

Here the ζ is the same with the s in the solution of the large Biot number sphere temperature distribution solution. ζ1=s1, ζ2=s2,…, ζn=sn. The 1st order approximation equation means only the first term of that series solution should be taken into account for calculation of ζ1.