

AME 21216 – Tech Memo Score Sheet

A11 – Chaotic Double Pendulum

NDID#: _____

Lab Section (Day/time): _____

For more details on any of the items below, please refer to the lab handout.

Item and Description	Points Awarded	Possible Points
Technical writing and format – Please address all questions from the lab handout in the captions and paragraphs.		3
For the single pendulum, plot of angular displacement θ_1 vs. t (on left scale) and angular speed ω_1 vs. t (on right scale). (Use 'yyaxis' command in Matlab)		4
For the double pendulum, plot of angular displacement θ_1 vs. t (on left scale) and angular speed ω_1 vs. t (on right scale). (Use 'yyaxis' command in Matlab)		4
Plot of accelerometer voltage V_{out} vs. pitch angle θ with the theoretical <i>trigonometric</i> curve that you derived		4
TOTAL		15