

	A	B	C	D	E
1	Aidan Chin				
2	10/16/2023				
3	ECE 202 E2 Part B				
4					
5					
6					
7					
8		tmin (seconds)	A1 (Volts)	A (Volts)	a (Volts)
9		0	10	10	10
10		tmax (seconds)	A2 (Volts)	B (Volts/Second)	b (Volts)
11		0.05	-5	-5000	4
12		N (steps)	s1 (Hz)	alpha2 (Hz)	alpha3 (Hz)
13		400	-500	400	150
14		dt (step size)	s2 (Hz)		w (rad/s)
15		0.000125	-300		450
16					
17	✓ to compute v(t)	✓ to plot	voltage		
18	time (seconds)	time (ms)	overdamped	critically damped	underdamped
19	0	0	5	10	10
20	0.000125	0.125	4.57815854	8.917775855	10.01942865
21	0.00025	0.25	4.186251594	7.917327408	10.00358007
22	0.000375	0.375	3.822304446	6.993252308	9.953807336
23	0.0005	0.5	3.484467949	6.140480648	9.87153073