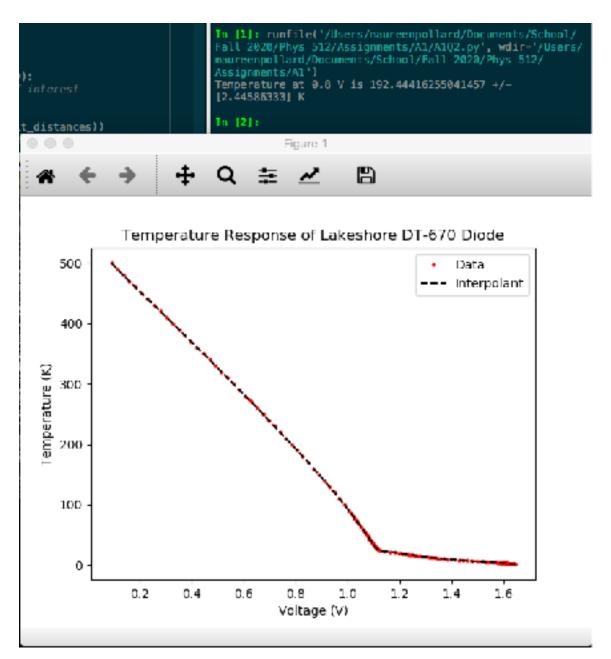


A1Q1



A1Q2

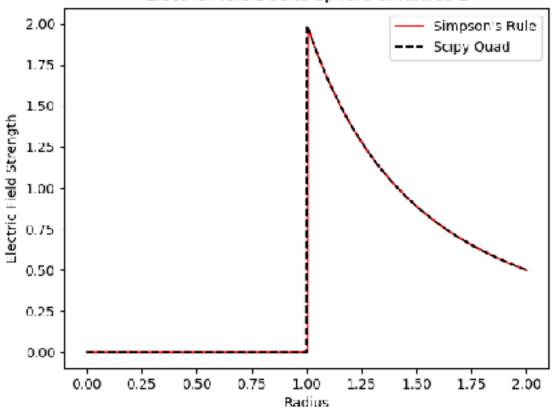
Name A	Type	520	Vilue
cos_true	float64	(1000,)	[6.1232]488e-17 3.14473221e-03 6.209433]2e-03 6.20943332e-03 3.14
err_cs_C	float64	1	0.00014678861487177803
err_cs_L	float64	1	0.000516277822833635
err_poly_C	float64	1	0.00060;8392582912722
err_poly_L	float64	1	0.002847773225652917
err_rvt_C	float64	1	2.4286298119792763e-85
err_rat_L	float64	1	1.1824644882172654
f_C	float64	(8,)	(6.1232:400e-17 4,33883739e-01 7,81331482e-01 9,74927912e-01 9,749279
f_L	float64	(8,)	(0.5 0.66216215 0.84482759 0.98 0.98 0.34482759 0
larentz_true	float64	(1000,)	[8.5 0.503002 0.50200001 0.50200601 0.502002 0.5
n	int	1	5
n	int	1	4
p_C	filoat64	(4,)	[9.9990995c-01 0.00000000c+00 -4.03281085c-01 -2.84217094c-14]
p_L	float64	(4,)	[2.30712007 S. 72.99440214]
poly (float64	(9.)	[-2.58216982z-83 -2.24512554e-17 9.29618929c-83 7.82726938e-16 2.9
poly_L	float64	(9,)	[-2.6988593e-81 1.34719868e-14 1.88548143e-81 -9.1)717749e-15 5.2
q_C	float64	(4,)	[5.68434189e-14 5.45899878e-82 0.00000000e+00 6.23367409e-03]
Q.L	float64	(4,)	[6, 9, -4,5 8,]
x_true_C	float64	(1000,)	[-1.57679535 -1.56765159 -1.56458685 1.36458885 1.56765159 1.5
x_true_L	float64	(1000,)	[-1, -0,993998 -0.995996 0.995996 0.997998 1,]
хэ_С	float64	(0,)	[-1.57679533 -1.12199738 -0.67719843 -0.22439948 0.22439948 0.673198
×a_L	fleat64	(8,)	[-10.71428171 -0.42857149 -0.14281714 0.14285714 0.428171

A1Q3 (using inv) n=4,m=5

Name A	Type	Size	Value
cos_true	float64	(1000,)	[6.12383406e-17 3.14473221e-63 6.28943332e-03 6.28943332e-03 3.14
err_c1_C	float64	1	0.00014678861487177808
err_cs_L	float64	1	e.eee516271822883635
err_poly_C	float64	1	e.eee6128312882912772
err_poly_L	TLOSE 64	1	0.80284777;225652917
err_ret_C	float64	1	2.428619811889424c=43
err_rst_L	float64	1	1.0118;72646423678e-15
f_C	float64	(R,)	[6.123f3484e-17 4.33883739e-41 7.81831482e-81 9.74627912e-81 5.749779
f.j.	float64	(8,)	[6.5
larentz_true	float64	(1000,)	(4.5 0.501002 0.50200601 0.50200601 0.501002 0.5
n	int	1	5
n	int	1	4
p_C	float64	(4,)	[9.99999956-01 -2.84217094c-13 -4.01281085e-01 1.84217094c-14]
p_L	float64	(4,)	[1.00000000e+00 1.77635684e-15 -3.3333333e-01 (.0000000ie+00]
poly_C	float64	(9,)	(-2.58116962c-80 -2.24512554c-17 9.21620129c-33 7.02726900c-16 2.9
poly_L	Tloat64	(9,)	(-2.699995(2e-9t 1.24719660+-14 1.91540342e-9t -6.12717740e-15 5.2
ورد	float64	(4,)	[-2.04 170 4e-1) 9.4500070e-02 -2.13162021e-14 (.2335740 e-03]
ولد	float64	(4,)	[0.00000000e+00
x_true_C	float64	(1000.)	[-1.57979623 -1.56765159 -1.56456685 1.56456665 1.56765159
x_true_L	float64	(1000,)	[-10.997998 -0.995995 0.995996 0.997998 1.]
хэ_С	float64	(8,)	[-1.57079633 -1.12199738 -0.67319843 -0.22439948
xo_L	float64	(8,)	[-10.714;8571 -0.42857143 -0.14285714

A1Q3 (using pinv) n=4,m=5

Electric Field Due to Sphere of Radius 1



A1Q4