Homework: Interpolation

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April 18, 2018

Make an outline through the following points and use it to compute the area enclosed.

x	y	x	y	x	y	x	y
0.9	1.3	11.6	0.7	9.0	-0.55	5.0	0.5
1.3	1.5	12.0	0.6	8.8	-0.5	4.7	0.75
1.9	1.85	12.6	0.5	8.6	-0.5	4.4	1.0
2.1	2.1	13.0	0.4	8.5	-0.55	4.3	1.1
2.6	2.6	13.3	0.25	8.4	-0.75	4.0	1.1
3.0	2.7	13.0	0.15	8.2	-1.2	3.5	1.1
3.9	2.4	12.6	0.1	8.1	-1.75	3.0	1.1
4.4	2.15	12.3	0.05	7.8	-2.3	2.5	1.15
4.7	2.05	12.0	0.0	7.6	-2.8	2.3	1.2
5.0	2.1	11.5	-0.05	7.3	-3.35	2.2	1.15
6.0	2.25	11.0	-0.05	7.0	-3.85	2.0	1.1
7.0	2.3	10.8	-0.05	6.6	-4.4	1.6	1.05
8.0	2.25	10.7	0.0	6.1	-4.85	1.2	1.0
9.2	1.95	10.5	-0.15	5.6	-5.25	1.0	1.05
10.5	1.4	10.0	-0.3	5.6	0.1	0.9	1.1
11.3	0.9	9.5	-0.5	5.3	0.25	0.8	1.25