

MKT 3841 - Numerical Methods

Homework 1 Due October 8 (Monday , at the beginning of the class)

Consider the data below.

x	0.9	1.3	1.9	2.1	2.6	3.0	3.9	4.4	4.7	5.0	6.0
$f(x)$	1.3	1.5	1.85	2.1	2.6	2.7	2.4	2.15	2.05	2.1	2.25
x	7.0	8.0	9.2	10.5	11.3	11.6	12.0	12.6	13.0	13.3	
$f(x)$	2.3	2.25	1.95	1.4	0.9	0.7	0.6	0.5	0.4	0.25	

Obtain a smooth curve by using cubic spline interpolation method. Write a code in C or C++ or C#.

Show:

- Program codes,
- Graphs

Return your printouts. Do not email.