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Enter x to interpolate: 1.30
Coefficients:

.....
a = 0.00130
b = -0.12078
c = 0.41948
d = 0.50000

Interpolated value: $f(1.30) = 0.61501$
Exact value: $f(1.30) = 0.62825$
Absolute error = 2.10813 %