Solution 23.2

	x	f(x)
x_{i-2}	21	1.322219295
x_{i-1}	23	1.361727836
x_i	25	1.397940009
x_{i+1}	27	1.431363764
x_{i+2}	29	1.462397998

$$\text{truth} = \frac{\log_{10}(e)}{25} = 0.017371779$$

The results are summarized as

	first-order	second-order
Forward	0.016711878	0.017309258
	3.799%	0.360%
Backward	0.018106086	0.017281994
	−4.227%	0.517%
Centered	0.017408982	0.017371197
	−0.214%	0.003%