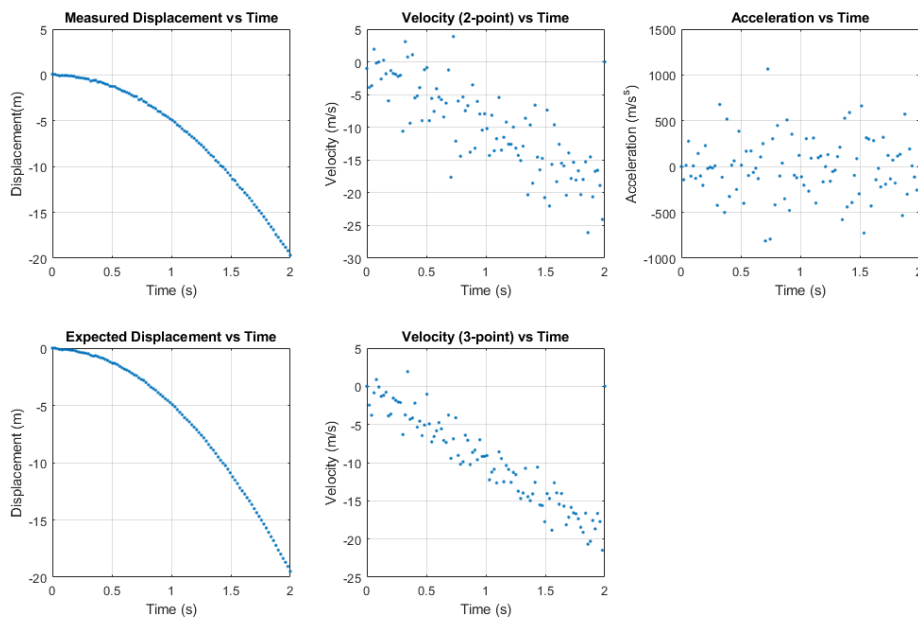

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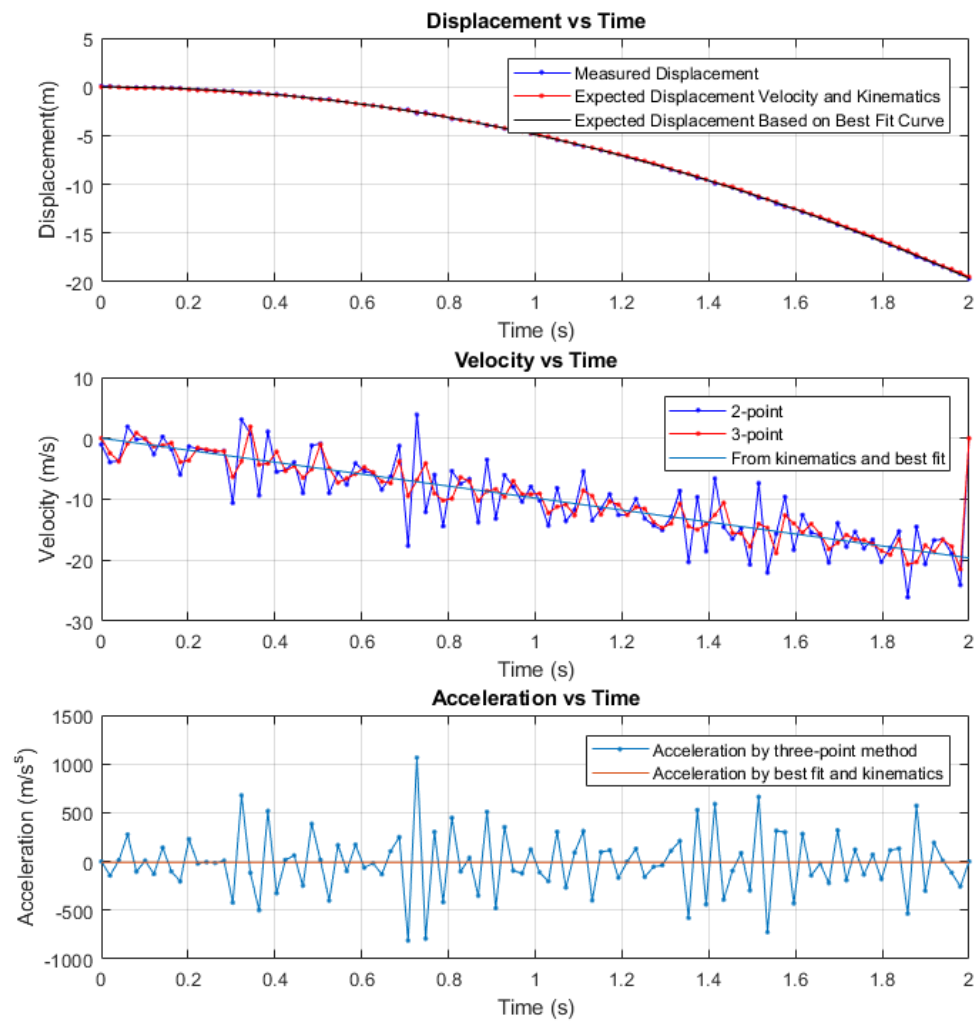
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1. Numeric Differentiation

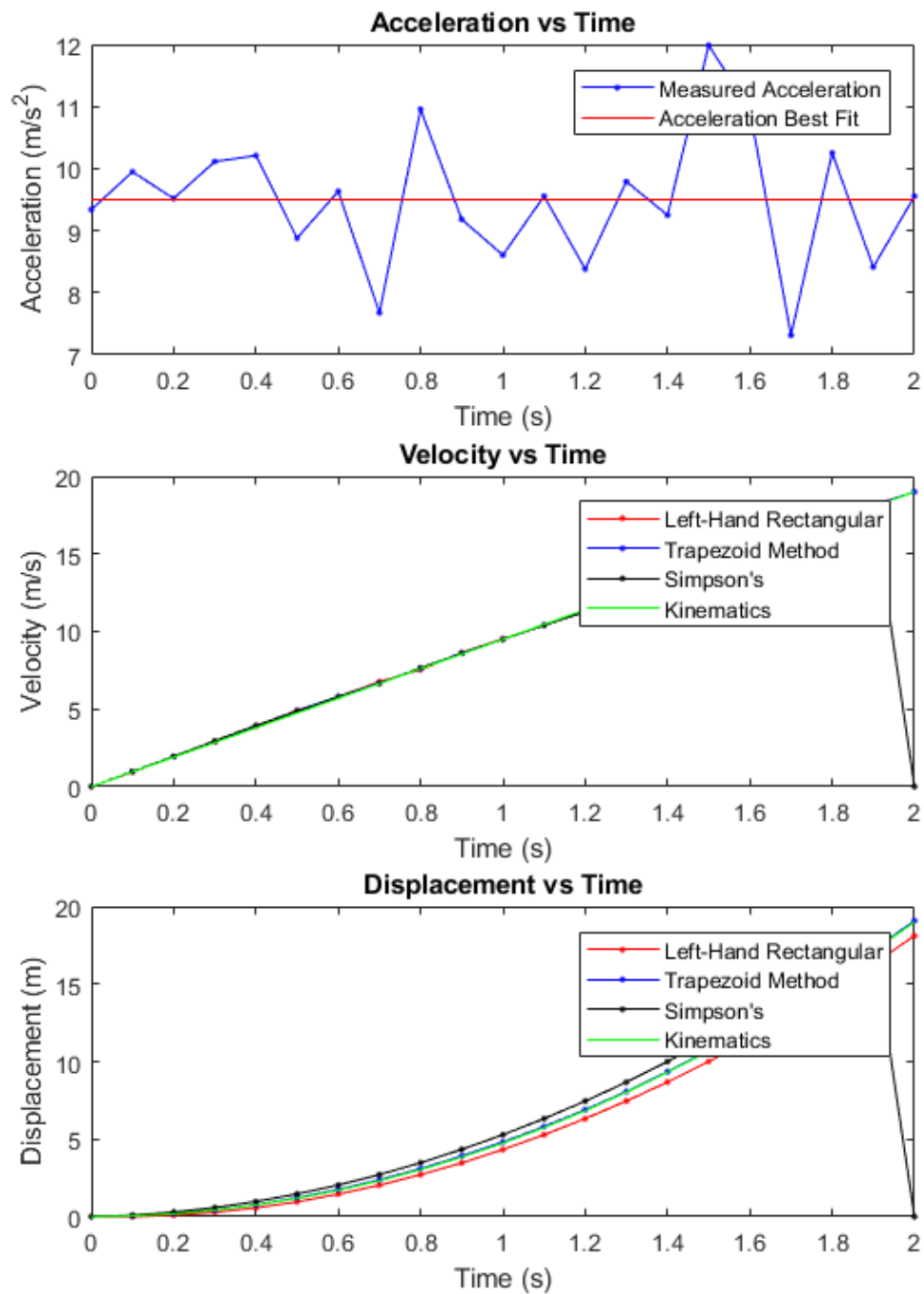


Better Graphs for 1

Taking the numerical derivative of noisy data leads to even noisier derivative estimates. A better way to find the acceleration from this data would be to fit a curve to the displacement data and take the second derivative of that.



2. Integration



3. Discussion

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