## Vibrations and Controls Homework 4

February 8, 2022

## Gabe Morris

```
[]: import sympy as sp
import numpy as np
import matplotlib.pyplot as plt
from IPython.display import display, Latex

plt.style.use('maroon.mplstyle')

display_latex = lambda text: display(Latex(text))
```

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## $\begin{array}{cccc} \text{ME 6643} & \text{Homework 4} & \text{Gabe Morris} \\ & & \text{gnm54} \end{array}$

- 1 Problem 8.27
- 1.1 Given