

LAB 7

by

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AME 341A : Mechoptronics

Abstract

1 Introduction

2 Methods and Materials

3 Results

3.1 Sine and Square Wave

talk about the results that we got during the first part of the experiment. The conditions, setup, ect.

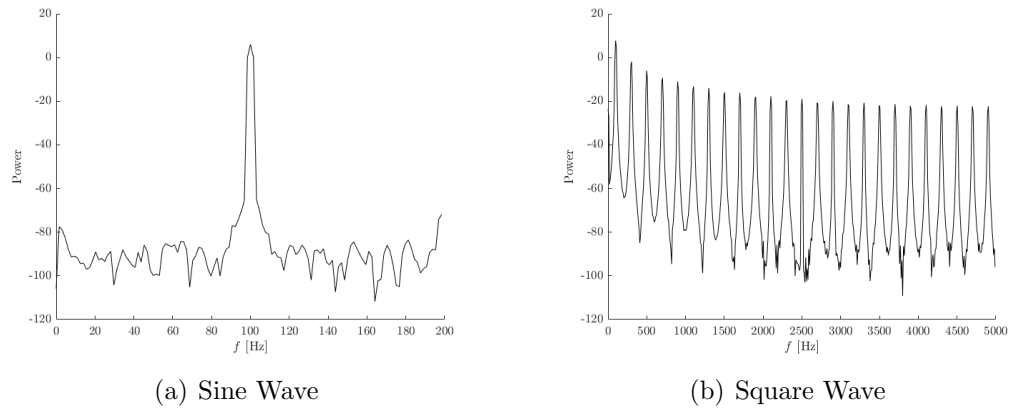
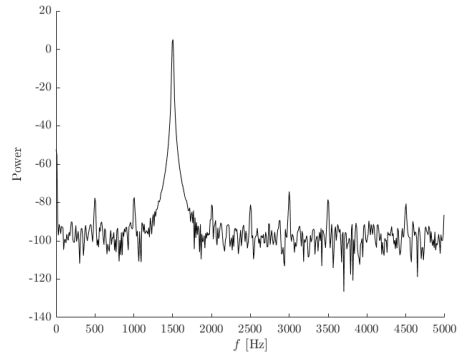


Figure 1: Sine and square waves with V_{rms} of 2V at 100Hz shown in the frequency domain

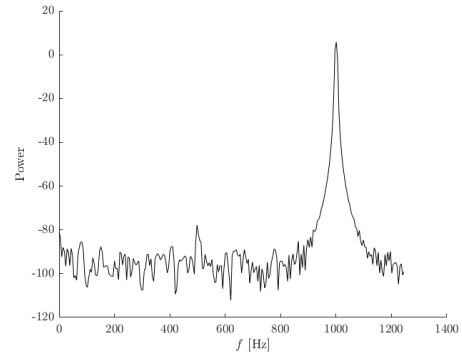
3.2 Aliasing a Signal

4 Discussion

5 Conclusion



(a) $f_s = 10\text{kHz}$



(b) $f_s = 2.5\text{kHz}$

Figure 2: Sine and square waves with V_{rms} of 2V at 100Hz shown in the frequency domain