

5. Fourier Analysis and Synthesis of Waveforms

PURPOSE AND BACKGROUND

THEORY AND EXPERIMENT

N	f_N	A_N
1	500Hz	100%
2	1000Hz	50%

N	f_N	A_N
1	500 Hz	100%
3	1500 Hz	33.33%

N	f_N	A_N
1	500 Hz	100%
3	1500 Hz	11.11%

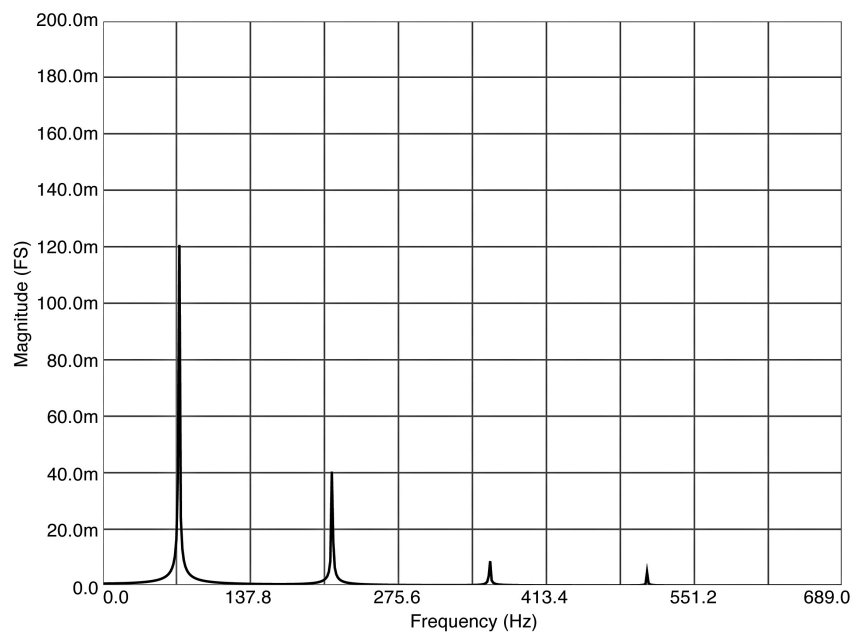
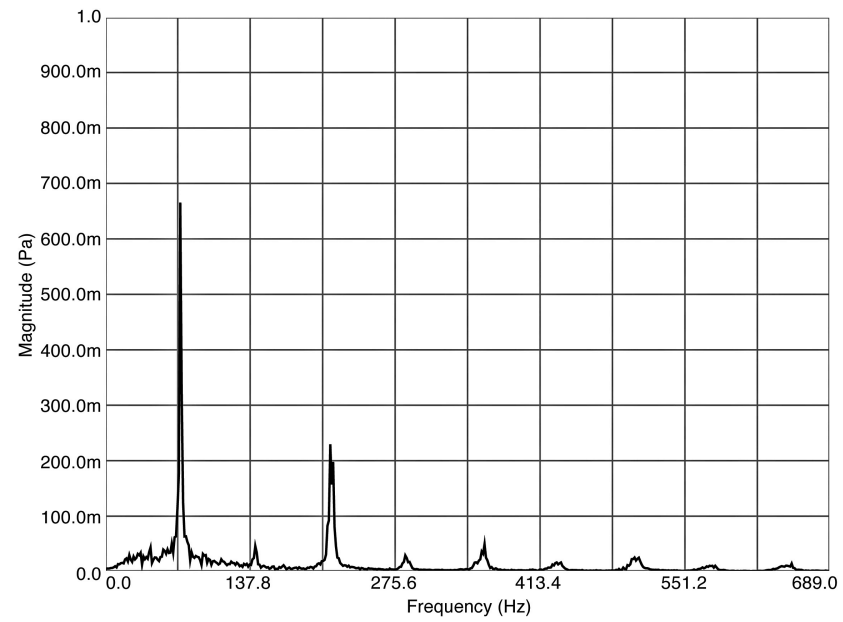


Figure 1: