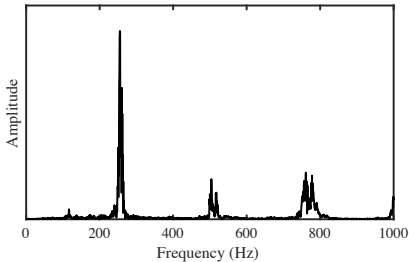


(a) Sound.



(b) Amplitude spectrum.

Figure 1.8: Fourier analysis. (a) Male voice. (b) Amplitude spectrum between 0 and 1,000 Hz. Figure generated by computer code in Appendix B.