

**Sound Spectrum of a Tawa-Tawa Gong (as a function of time):**

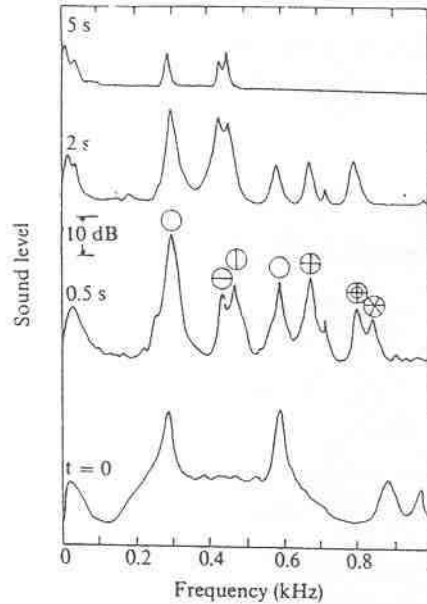


FIGURE 20.11. Sound spectrum of a tawa tawa gong. The initial sound ( $t = 0$ ) comes mainly from two prominent axisymmetric modes, but after 0.5 s many modes of vibration have been excited, which decay at varying rates. Some of the modes are identified at the peaks (Rossing and Shepherd, 1982).

**Sound Spectrum of a Large Gamelan Gong:**

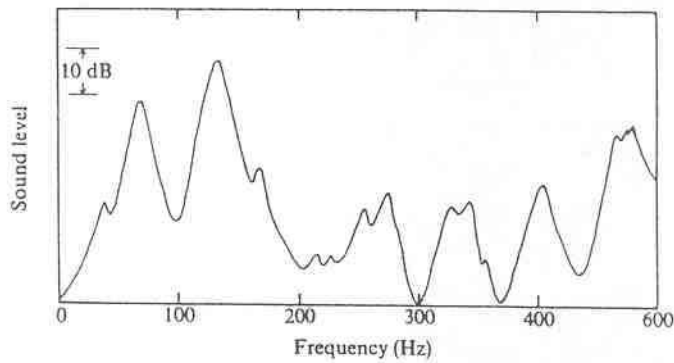


FIGURE 20.12. Sound spectrum of a large gamelan gong. The principal modes of vibration have frequencies of 67 Hz and 135 Hz, and their corresponding partials are about an octave apart (Rossing and Shepherd, 1982).