

Modal Vibrations of Cymbals: (continued)

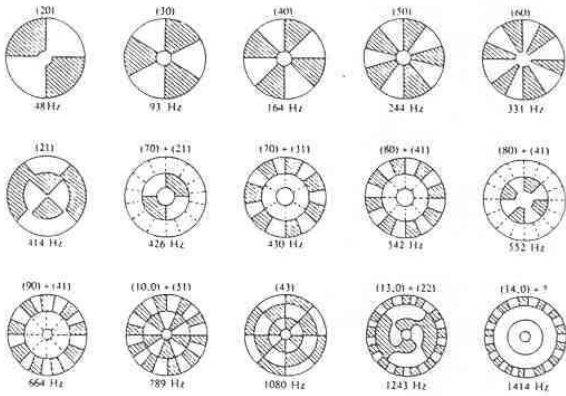
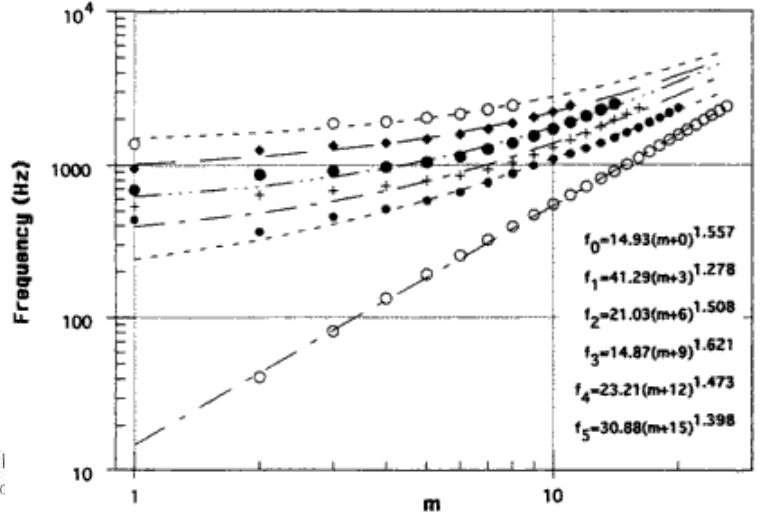
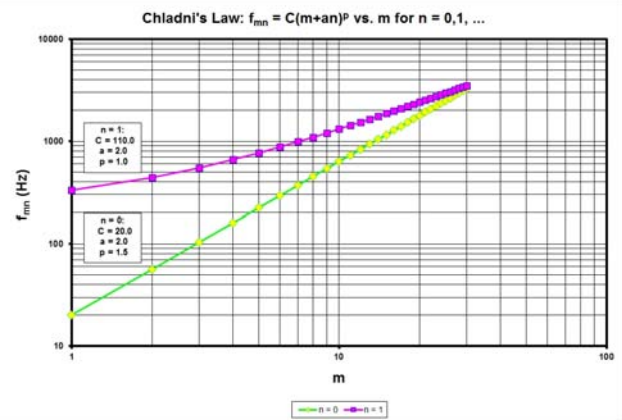
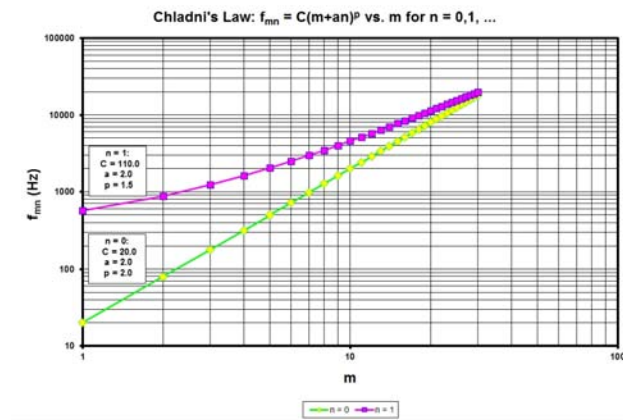


FIGURE 20.2. Modes of vibration of a 38-cm cymbal. The first six modes resemble those of a flat plate, but after that the resonances tend to be combinations of two or more modes (Rossing and Peterson, 1982).



Modal frequencies of a 46-cm-diameter medium crash cymbal as a function of m and n

Theory:



Data:

