Modal Vibrations of Cymbals: (continued)

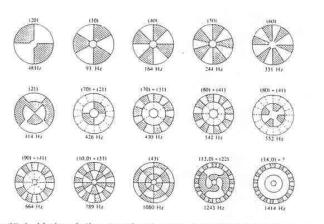
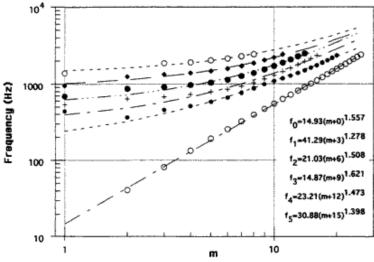
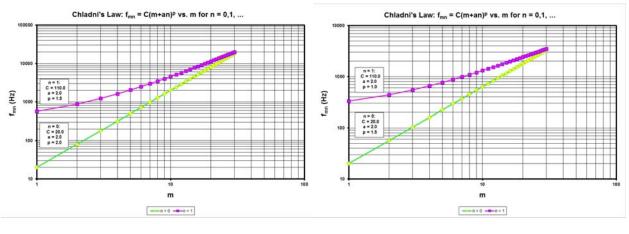


FIGURE 20.2. Modes of vibration of a 38-cm cymbal. The first six modes resembl those of a flat plate, but after that the resonances tend to be combinations ϵ two or more modes (Rossing and Peterson, 1982).

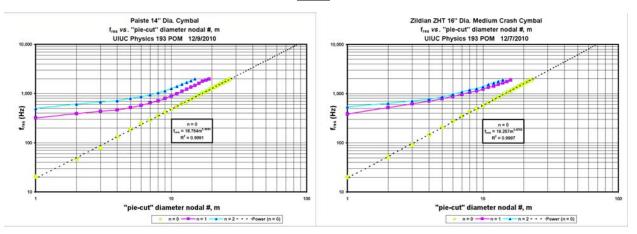


Modal frequencies of a 46-cm-diameter medium crash cymbal as a function of m and n



Theory:

Data:



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