

Vibrational Modes of an Acoustic Guitar:

Top surface, all by itself:

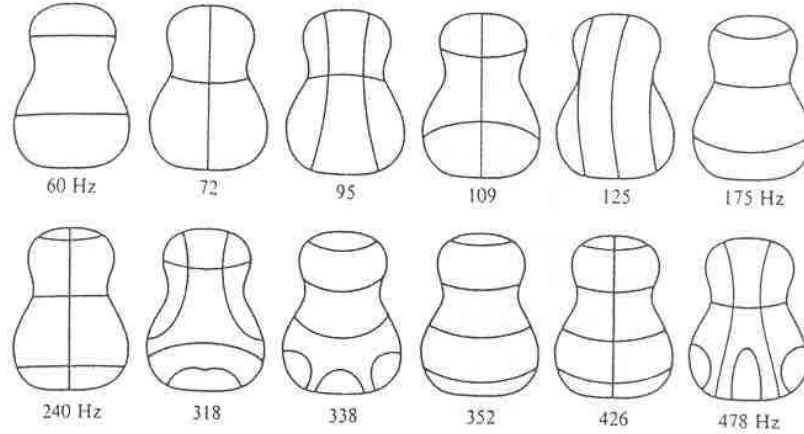


FIGURE 9.6. Vibration modes of a guitar plate blank (without braces) with a free edge (adapted from Rossing, 1982b).

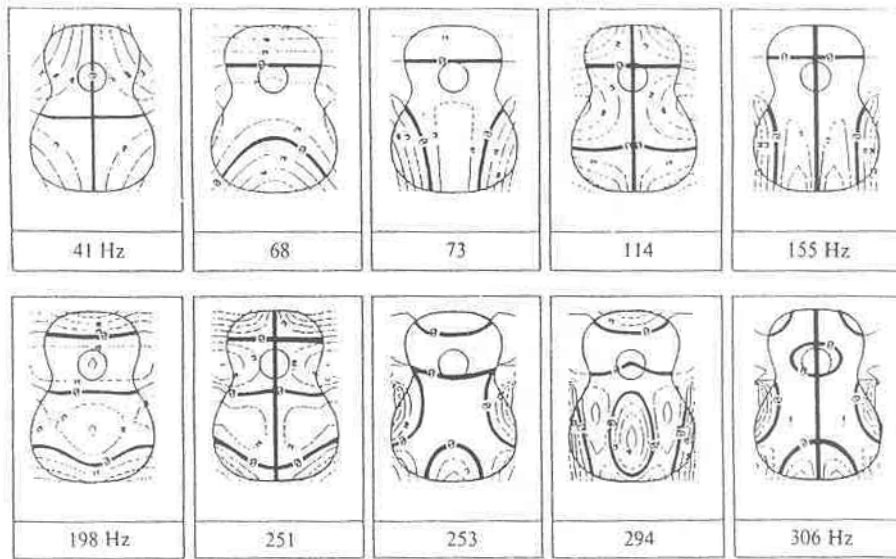


FIGURE 9.7. Vibration modes of a classical guitar top plate with traditional fan bracing (adapted from Richardson and Roberts, 1985).

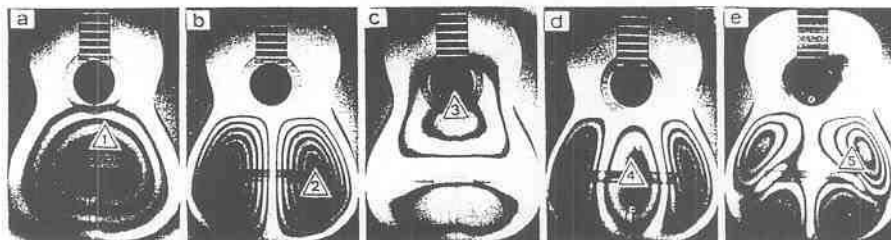


FIGURE 9.8. Vibration modes of a classical guitar top plate glued to fixed ribs but without the back (Jansson, 1971).