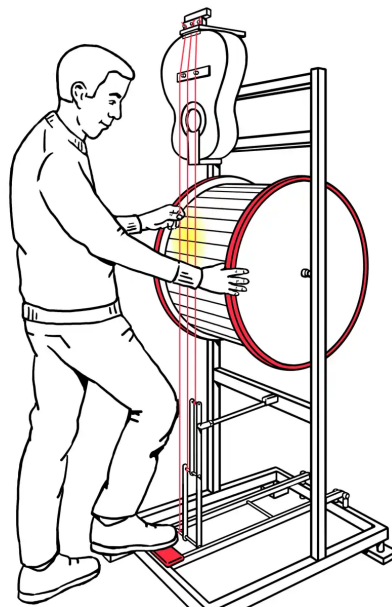


Oscylinderscope

Norman Tuck

How does the appearance of the strings change in front of the spinning drum?



Spin the striped drum.

Pluck the guitar strings.

See how the movement of the strings and the sound change as you press the pedal.

The strings appear to be wavy where you see them in front of the drum. By pressing the pedal you increase the strain of the string: The sound changes and the waves get smaller and shorter.

The waves that you see aren't really there in the string. They are created by the movement of the string in front of the moving stripes. You can get the same effect by stretching a elastic band vertically in front of a traditional television and plucking it (This won't work with plasma or LCD screens).