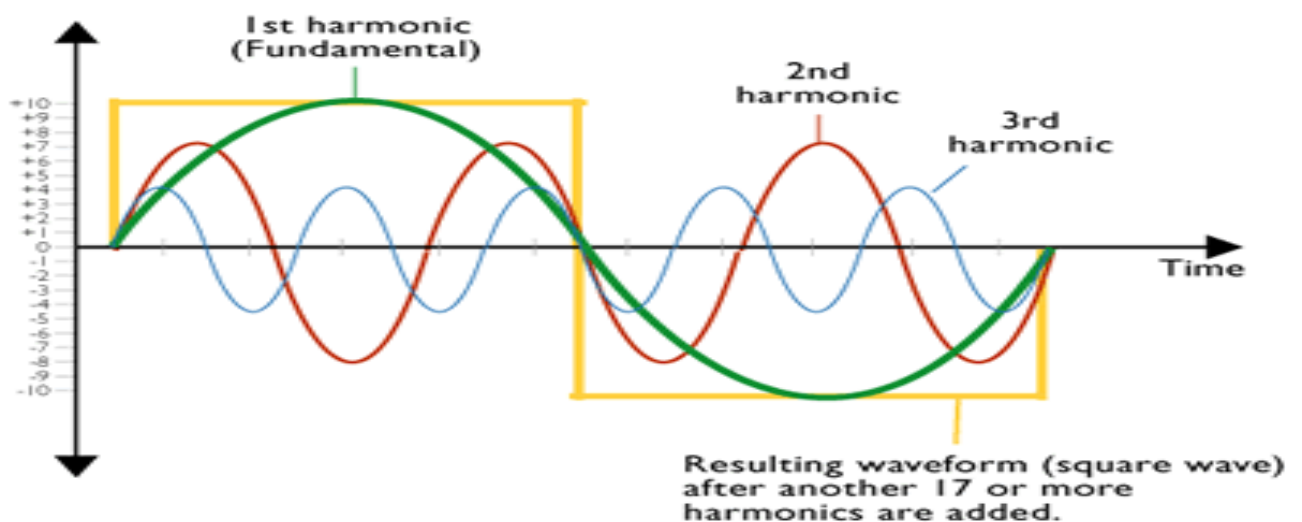


TIMBRE

One of the basic elements of music is called color, or timbre. **Timbre** is the sound quality that allows us to distinguish one sound from another one. A sound is a complex wave containing more than one frequency.

For instruments that produce notes with a clear and specific pitch, the secondary frequencies that are involved in the sound are called harmonics. So, the sound of any musical instrument consists of a fundamental sound and many secondary sounds called harmonics.

According to this, one instrument is different from another one depending on the harmonics they have.



Therefore, this is a mess! and when we hear a sound, actually we are hearing several sounds. What happens is that the 1st harmonic sounds much louder than the other ones.

