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Introduction

I recorded the sound at home, using a desk mic which unfortunately isn't of great quality and has some static. I'm a computing sciences student with not a lot of background in music so I'll try to provide terms, their definition, my rationale in using them as I go along.

Loudness And Changes Overtime

The volume of the beats is steady in about the first half of the clip then it becomes inconsistent with a mix of louder and quieter beats. I see the same from the DAW, the amplitude of the earlier beat's peaks is mostly in line with each other. The amplitude of the latter beats varies, some are comparatively small while others are quite high. The last beat is especially higher than the few preceding it. Most of the beats fall between 0 and -18 db.

From the slides, the closest articulation is the diminuendo. The envelope of each beat sounds like there's a very short attack, how fast the note peaks, and a moderate release, how fast the note fades out. There doesn't seem to be a decay or a sustain, the note doesn't seem drop to a level and hold it.

Pitch and Modulations

The pitch of the sound is constant, it doesn't change over the course of the clip. Since the pitch doesn't change, there aren't any modulations, changes between tones. I would describe the pitch, the location of the beat on the tonal scale, to be on the higher end. Zooming in and looking at each beat in the DAW, I find the frequency of each beat is quite high since there appears to be many waves compressed into a small amount of time per beat.

Timbre Particularities

I find that the beats are sharp, glassy, metallic, clean. I find that the first part of each beat is a distinctly "sharp" peaked sound that characterises the beat. This initial peak is glassy since it reminds me of something hitting glass. The decay of the sound sounds more metallic. I say that the sound is clean because I can generally components to a beat very clearly, the sound seems very focused on just these two elements with nothing seeming to diffuse or "smooth" the sound.

The timbre changes around the halfway point. The earlier beats are more glassy than metallic. In the latter half, the beats are less consistent, there's two beats that are distinctly more metallic that stand out.

Rhythm

The rhythm of the sound is periodic. I hear a steady beat throughout the track that does not change. I would say that the tempo, the general speed of the beat, is medium. I guess that it is somewhere between 80-120, the beat is for sure higher than 60 beats per minute. After listening to this for some time, I feel as though your heart rate tends to sync up with the beat.