Title: Music disassembly

https://www.researchgate.net/publication/220259110\_The\_Fast\_Fourier\_Transform

Split into parts via subtitles. The article is about the mathematical background, proof

and use of the Fast Fourir Transform algorithm

42 references, in a list format (author, title, date)

Useful: a solid and efficient method for separating sine frequencies from eachother

https://journals.sagepub.com/doi/full/10.1177/1687814016675080

Split into parts via subtitles. Mainly talking about the mathematical method of

acurately identifying vibration frequencies, and an experimental example of the results

35 references in a list format (author, title, date, link)

Useful: improved FFT algorithm

https://soundlab.cs.princeton.edu/publications/2001\_amta\_aadwt.pdf

Split into parts via subtitles. The article is about an alternative method to extracting

definite frequency values from a waveform that is closer to homan hearing

14 references in a list format (author, title, date)

Useful: wavelet algorithm and premade c++ libraries as an alternative to FFT

https://ieeexplore.ieee.org/document/5256327

Split into parts via subtitles. The article is about the waveform of musical chords and

how to identify them

Found it during work where ieee is fully unclocked, and since I do not want to make an account,

I can not open it at home to look at the references

(note to self: send the pdf home, not the link)

Useful: a good reference in identifying multiple notes at once

https://www.youtube.com/watch?v=oSePgYOYA\_s

https://www.youtube.com/watch?v=HEcdmDSVHsE

I know we are supposed to find official scientific articles, but these two videos are extremely

good and helpful, thus I felt like I must mention them (sadly they are not well documented and

references are missing)

I accept full responsibility for adding this in, grade it as it is

Useful: a hands on walkthrough of identifying a single guitar string pluck