

meeting \_1 [Feb 15th, 2024]

Base paper: DDSP

Feb 18<sup>th</sup> 2024

Different Digital Sig. Proce.

Existing model

ICLR 2020

- Pick application
- Make architecture

we want to make controls for the sounds we are producing. Neural Net parameters.

Dataset: AI synth

To Do:

Setup GitHub.  
Common Dev.

mapping mood to  
parameters  
→ generating  
music in  
time

Possibilities:  
next

- ① Control parameters to generate music.
- ② Handle different types of instruments.

→ we might do it with only one music.

Constraints vs Scope (Doct)

Constraints:  $F_0$  Fundamental freq -

If we have this, we can make  
the number of parameters to find  
less.