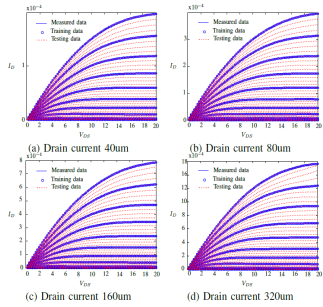
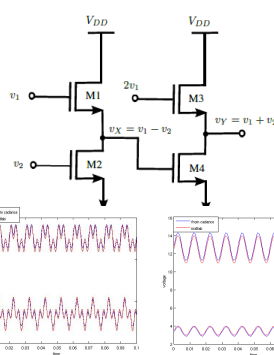




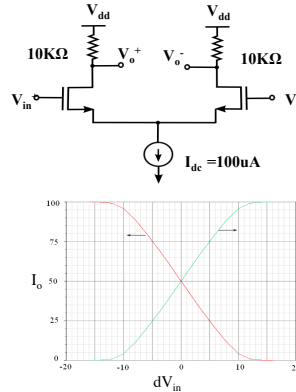
a-GIZO TFT signal conditioning circuits



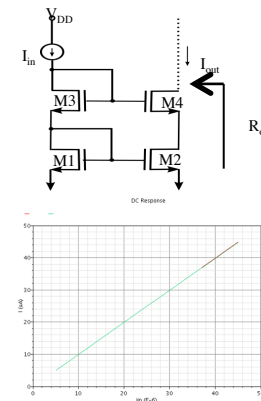
ANN model response



Adder subtractor

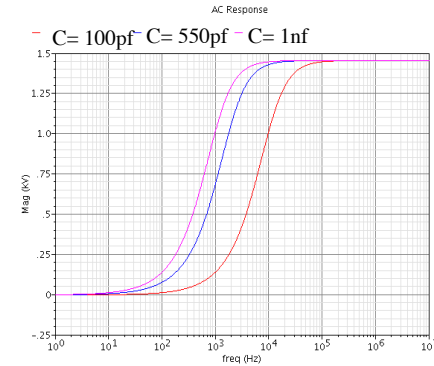


Diff amp

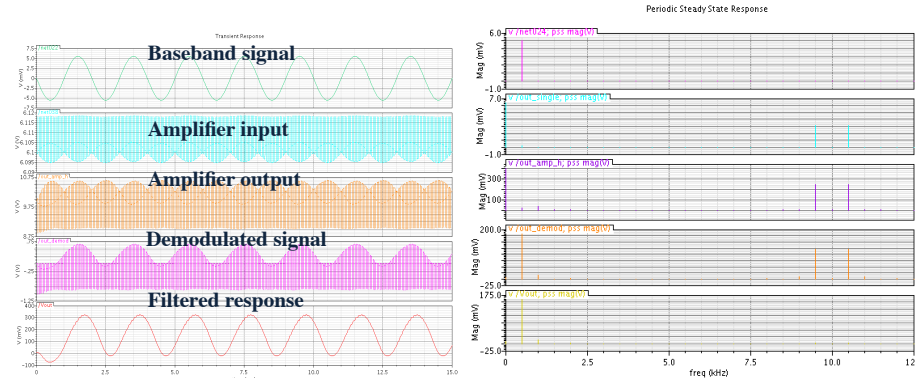


Cascode CM

Cascode bootstrap amp



Chopper amplifier response



ANN model

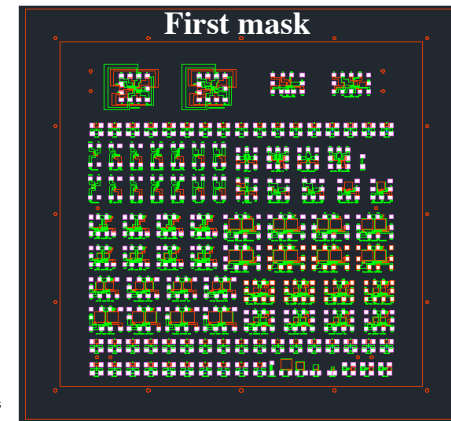
a-GIZO TFT Circuits

- Current mirrors
- Adder, Subtractor, Multiplier
- Amplifiers
 - Diode connected load
 - Differential amplifier
 - High gain bootstrap
 - Cascode bootstrap
 - Chopper amplifier

Layouts

Future work

- Validation with real circuits
- Dynamic model
- Complete signal conditioning chain



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