

# Additive Synthesis

## Summary

# Signal Recap

- Shifting
- Scaling
- Inverting
- Delaying
- Combining with DC
- Combining with AC

# Techniques

- Additive Synthesis is...
- Wavetables
- Ring Modulation
- Amplitude Modulation
- Frequency Modulation

# Subtractive Synthesis

Fun with Filters!

# Assignment X

5 band parametric EQ  
biquad~  
filtergraph~  
(don't use cascade~ yet)  
DUE: Noon Sept. 26th



# Assignment X.3

- Read CMT: Digital Filters pg. 397-405
- Online Resources:
  - <https://ccrma.stanford.edu/~jos/filters/>
  - <http://dspguide.com/>