디신 중간고사 풀이

1. Signal=thinkdsp.SquareSignal(2)

Duration=signal.period\*3

Wave1=signal.make\_wave(duration,framerate=100)

1. Discrete signal
2. Spectrum
3. 150,300
4. 2,1
5. Nyquist frequency 100/2, 100/2
6. Mix\_spec=mix\_wav.make\_spectrum()

Mix\_spec.low\_pass(cutoff=3)

Filtered=mix\_spec.make\_wave()

Filtered.plot()

Chirp\_wave=signal.make\_wave(duration=2, framerate=10000)