

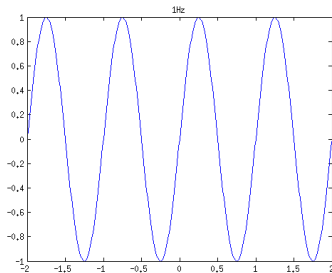
# Who Am I

- ▶ I graduated Princeton in 2011
- ▶ I'm currently a Ph.D. Student at Duke in ECE
- ▶ Working for Guillermo Sapiro on Imaging Problems
- ▶ I like programming and math

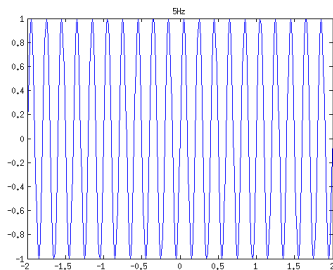
# The Discrete Fourier Transform

$$X[k] = \sum_{n=0}^{N-1} e^{j2\pi \frac{kn}{N}}$$

# Some Sine Waves



(a)



(b)