

# EECS 16B CSM

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# Logistics

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- Last CSM Section!
- Fill out feedback form

# Newton's Method

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$$x_{n+1} = x_n - \frac{f(x_n)}{f'(x_n)} \quad (1)$$

- used to approximate zeroes of differentiable functions
- GIF of NM in action

# Discrete Fourier Transform

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$$X[k] = \sum_{i \in [0, N-1]} x[n] e^{-j \frac{2\pi}{N} kn} \quad (2)$$

- splits up a signal into its constituent frequencies
- 3b1b video on DFT

# Ask Me Anything!

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- Review past finals/midterms
- Topic reviews
- Anything!