## **Lecture Videos List**:

- Pattern-Learning:
  - o Introduction—four pattern-occurrence questions [Oct 4<sup>th</sup>, 2021]: [LINK]
  - o Pattern-occurrence for i.i.d. Sequence [Oct 25<sup>th</sup>, 2021]: [LINK]
  - o Pattern-occurrence for Markov chains [Oct 30<sup>th</sup>, 2021]: [LINK]
    - Vehicle traffic intersection simulations: [LINK]
- Incremental Stability for Shot Noise Systems [Oct 13<sup>th</sup>, 2021]: [LINK]
- OUTformation presentation to Professor Doyle lab [Jan 7<sup>th</sup>, 2022]: [LINK]