

## **P1: Problem Selection**

### **Patrick Pfenning**

1. Testing the Effectiveness Learning Parity with Noise on Secret Keys
  - <https://jamesmccaffrey.wordpress.com/2020/08/04/the-learning-parity-with-noise-lpn-problem/>
  - <https://towardsdatascience.com/where-machine-learning-meets-cryptography-b4a23ef54c9e>
2. Use of Machine Learning Techniques to Uncover Network Vulnerabilities
  - <https://builtin.com/artificial-intelligence/machine-learning-cybersecurity>
  - <https://github.blog/2022-02-17-leveraging-machine-learning-find-security-vulnerabilities/>