LEARNING OBJECTIVES - Lecture 16 (Flows and Cuts)

After attending lecture and completing the associated readings, you should be able to:

1. Read papers in the network theory literature and understand mathematical proofs
2. Define and compute independent paths
3. Define and compute minimum cut sets
4. Use Menger’s theorem to argue for equivalences among max-flow, min-cut, and independent paths
5. State and use the general max-flow/min-cut theorem due to Ford and Fulkerson, and to Elias, et al.