

LAB Assignment #2 for ECE 525

Assigned: Thur., Feb. 2, 2017

Due: Thur., Feb. 9, 2017

Description: Compute Inter-chip HD on the bitstring data provided.

- 1) Compute the individual Inter-chip HDs using bitstring data posted for lab1 using the programming language of your choice (C is best but perl/python also works well). Plot the distribution as a histogram. You should have $500 \cdot 499 / 2 = 124,750$ individual HDs tabulated in your histogram.
- 2) Compute the mean and std deviation of the HDs. Compare to the value predicted from a binomial distribution (see wikipedia).
- 3) Turn in a 1-page pdf of your findings.