

One-Pager: Roofnet (Bicket *et al.*, 2005)

Due at start of lecture, 26th January, 2009

In a typed essay of 200–500 words, concisely and clearly answer the following question:

In Figure 10 in the paper, the authors compare the throughput achieved on multi-hop paths in Roofnet (y -axis) with that predicted by the ETT metric (x -axis). Clearly, the achieved throughput often falls short of the throughput predicted by the ETT metric. Why does the ETT metric tend to overpredict the throughput of a path? Refer to the details of the definition of the ETT metric in your answer, and any relevant assumptions made by this definition that may not hold in deployment.