

Group Problem Solving

How can you use MWIS to determine which towers should transmit? In other words, given a bunch of towers and corresponding packets, how can you create a graph for input to MWIS? What are the vertices V and edges E ? What is the weighting function w ?

Group Problem Solving

Fill in the blanks, then explain why your answers are correct in each case (preferably using a proof...try proof by contradiction)

1. If $v_n \in S$, then _____ is MWIS on the graph _____
2. If $v_n \notin S$, then _____ is MWIS on the graph _____