

P2) Algo: MIS Algo
but disjunction is every two nodes
instead of every other AND

Proof: If we assume that the MIS
Algo is correct then by treating each
figure as a node and each value as a weight,
~~then~~ we can treat our problem as a path, and
thus using the MIS algo, ~~to w/~~ the
modification that disjunction is defined by
being separated by two nodes, we can
find the MIS (or ~~Max~~ MIV, V for value) of
the auction

Runtime: MIS is $O(n)$

So MIV of auction can be found
in $O(n)$