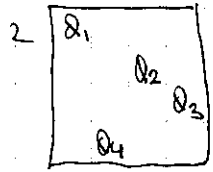


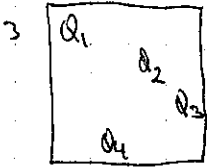
$Q_1$   
 $Q_2$   
 $Q_3$  } ok?

Note Binary constraint,  
but complex NOGONS

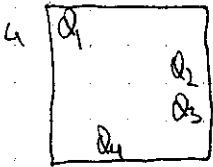


$Q_2$   $Q_3$  ok?  
 $Q_1$  NG ( $A_1=1, A_2=1, A_3=1$ )

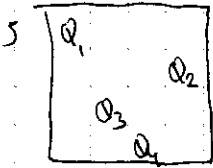
★ Spencer: two specific  $Q_i$



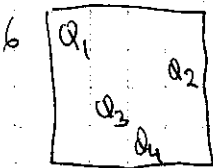
$Q_3$  NG ( $A_1=1, A_2=3$ )



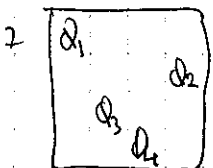
$Q_2$  ok?



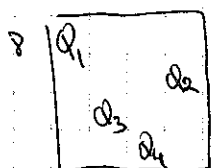
$Q_3$  ok?  
 $Q_4$  NG ( $A_1=1, A_2=4, A_3=4$ )



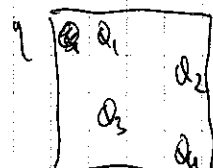
$Q_4$  NG ( $A_1=1, A_2=4, A_3=2$ )



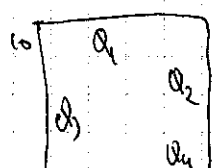
$Q_3$  NG ( $A_1=1, A_2=4$ )



$Q_2$  NG ( $A_1=1$ )



$Q_1$  ok?



$Q_3$  ok?

Argue "completeness"