

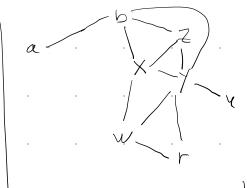
Algorithm to color with k=3 colors

O remove each node with 2hneighbours and prohour a stach

there is a con about the remaining giventy

there is a con about the touch

To us, a, u, r have 63



interterence graph

Assemp we have 3
regiones. Can we reportes. Can we color the nodes of the graph withe 3 colors

RI, RZ. RZS

So re edge connect rades of the same color?

Stade a, u, r

Non M has 23 edgs So prob on otech

Stati a, u, v, l.

b 2 4

