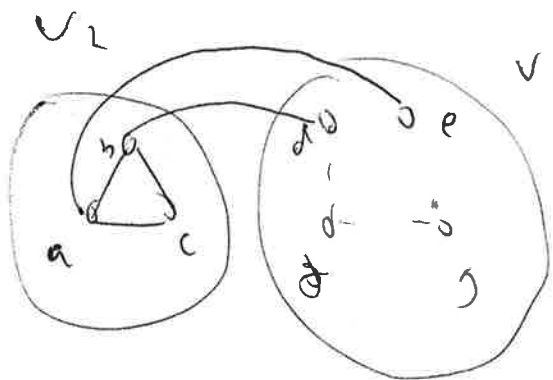


Example of "non-adjacent" dependency



edges to add

$E' = \{(d,e), (e,f), (d,g), (f,g), (e,g), (d,g)\}$

and  $\{(c,f)\}$

adding  $E'$  gives  $V_1$  to core 3

add  $\{(c,f)\}$  gives  ~~$V_2$~~  to core 3

however, promoting  $\{a,b,c\}$  to core-3 by  $\{(c,f)\}$

also depends on adding edges  $E'$ , though none of  $E'$  is adjacent to  $\{a,b,c\}$