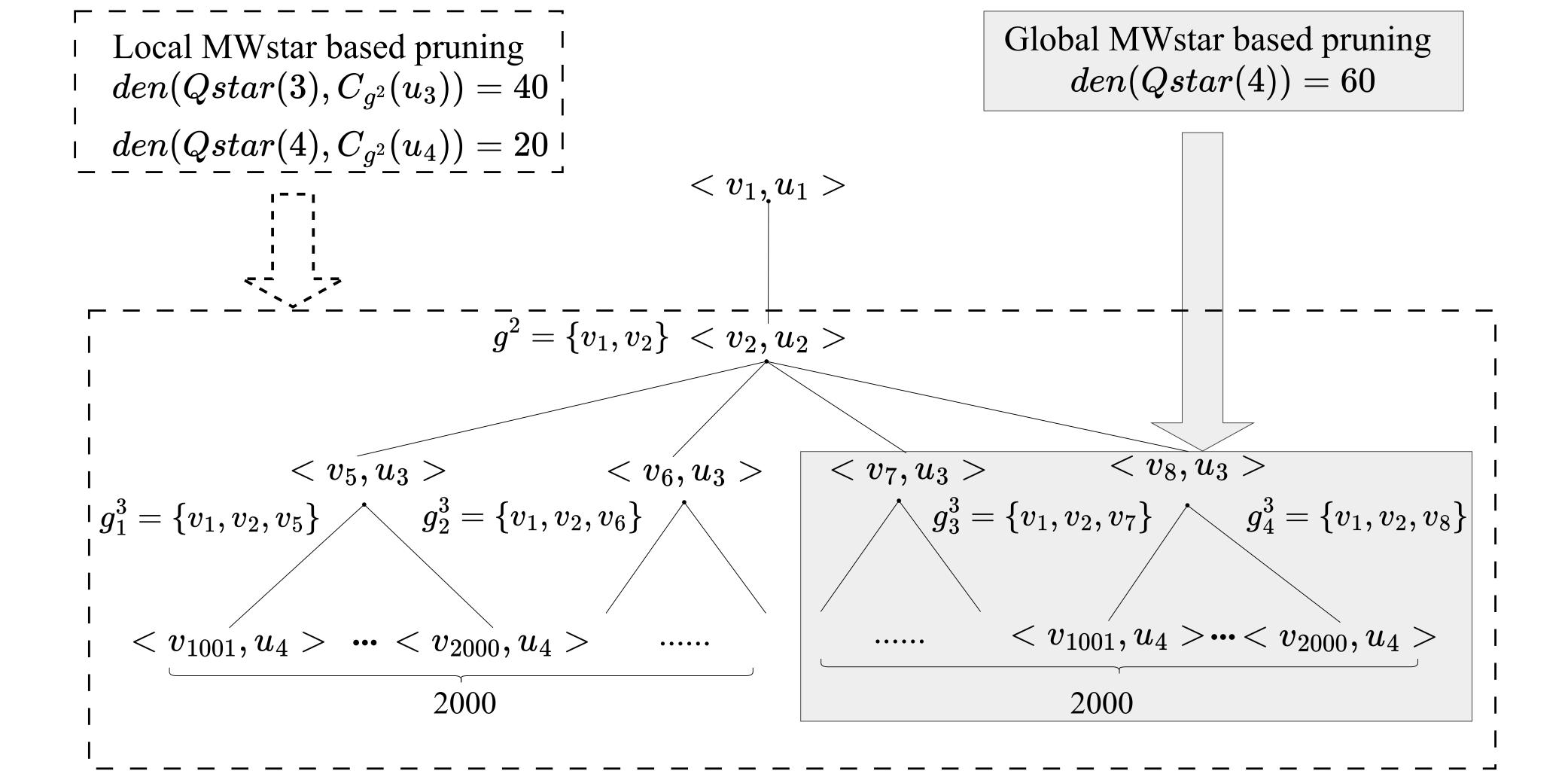


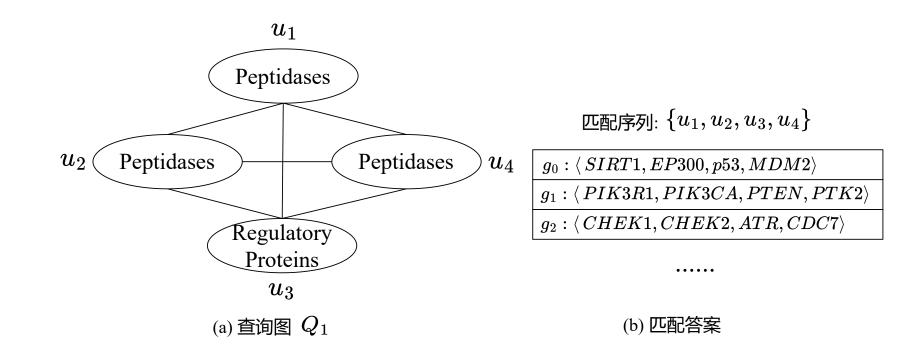
 $Q_{star}(4)$ 

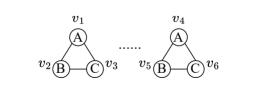
 $u_2(\underline{\mathrm{B}})'$   $Q_{star}(3)$ 

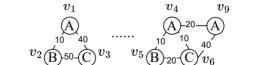
 $D_{star}(g,4)$ 

 $D_{star}(g,3)$ 



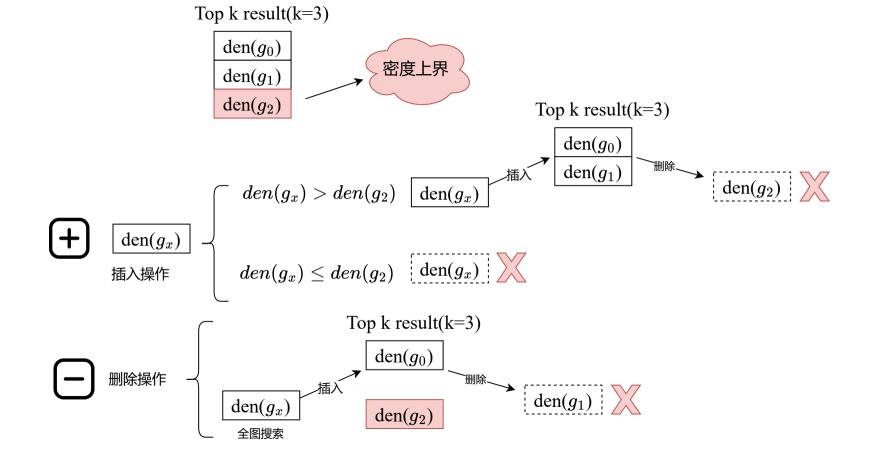




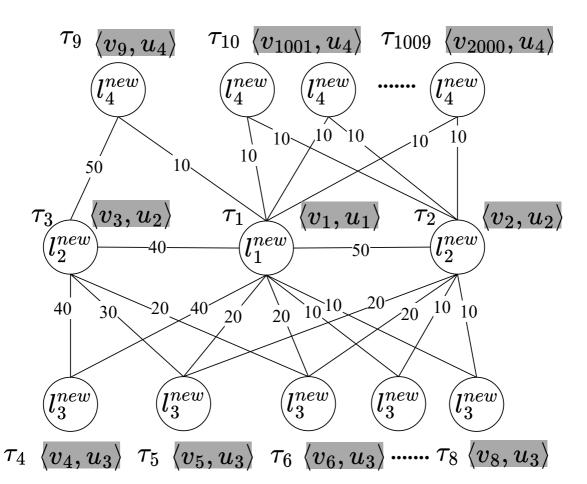


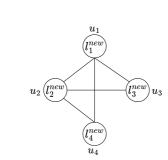


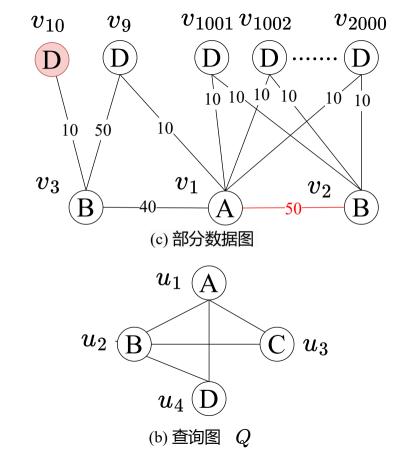
								uge	3					
_	d→		1						2					
١	lode Id↓	Α	В	С	AA	BA	CA	ΑB	ВВ	СВ	AC	ВС	C	
	1	1		1	1			1		1	1			
	2	1	2	1	1	2	1				2	1	1	
	3	2		2	1		2	2			2		2	
	4	2	1	1	2	2	1	1			2	1	1	

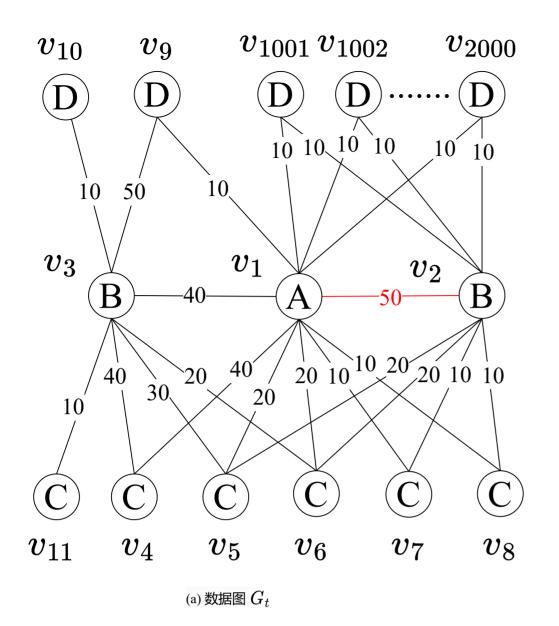


## $\Phi:~\{u_1,u_2,u_3,u_4\} \Longrightarrow g:~\{v_1,v_2,\dots\}$







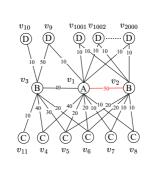


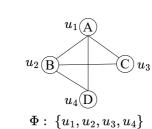
 $u_1$   $u_2$   $u_3$   $u_4$   $u_4$   $u_4$   $u_4$   $u_4$   $u_5$   $u_6$   $u_8$   $u_8$   $u_8$   $u_9$   $u_9$ 

## 匹配序列 $\{u_1,u_2,u_3,u_4\}$

$oxed{A_{G_t,Q}}$	$f(u_1)$	$f(u_2)$	$f(u_3)$	$f(u_4)$	$den(\cdot)$
$g_0$	$v_1$	$v_3$	$v_4$	$v_9$	180
$g_1$	$v_1$	$v_3$	$v_5$	$v_9$	150
$oxed{g_2}$	$v_1$	$v_3$	$v_6$	$v_9$	140

(c) 结果





 $ig|A_{G_t,Q}ig|f(u_1)ig|f(u_2)ig|f(u_3)ig|f(u_4)ig|den(\cdot)ig|$  $g_0$  $v_3$  $v_4$  $v_9$  $_{\perp}v_{9}$  $v_3$  $v_5$  $_{\scriptscriptstyle \perp} v_9$  $v_6$  $v_3$