block k

block 2

block 1

线程标号,i =	1	2	3		$|D|$
染色体,$\{c_1^i\}$ =	10	2	2		10
备选路径: P_i	{4,9}	{3,4,12}	{1,4,8}	…	{1,12}
	{1,10,12}	{2,4}	{2,3}		{5,7,9}
	{5,6,7}	{10,11,9,8}	{6,7,1}		{3,2,1}
	…	…	…		…
	{3,4}	{4,9}	{3,4,9}		{5,9}
业务带宽,$\{bw_i\}$ =	5	10	20		13

边标号,e =	2	3	4	5		9	
链路流量,$\{f_e\}$ =	30	25	15	13	…	13	…
链路容量,$\{ca_e\}$ =	40	30	10	13		15	
$(f_e <= ca_e)?$ =	Yes	Yes	No	Yes		Yes	
链路单位代价,$\{w_e\}$ =	3	4	8	7		10	
链路代价,$\{sh_e\} = f_e \times w_e$ =	90	100	INF	91	…	130	…

并行规约

total cost