block k

block 2

block 1

$threadid, i =$	1	2	3		|D|
$chromosome, \{c_1^i\} =$	10	2	2		10
	{4,9}	{3,4,12}	{1,4,8}		{1,12}
	{1,10,12}	{2,4}	{2,3}		{5,7,9}
$paths : P_i$	{5,6,7}	{10,11,9,8}	{6,7,1}	...	{3,2,1}
	...	...	...		...
	{3,4}	{4,9}	{3,4,9}		{5,9}
$bandwidth, \{bw_i\} =$	5	10	20		13

$edgeid, e =$	2	3	4	5		9	
$flow, \{f_e\} =$	30	25	15	13	...	13	...
$capacity, \{ca_e\} =$	40	30	10	13		15	
$(f_e <= ca_e)?=$	Yes	Yes	No	Yes		Yes	
$weight, \{w_e\} =$	3	4	8	7		10	
$shared, \{sh_e\} = ca_e \times w_e =$	90	100	INF	91	...	130	...

$parallel$
$reduction$

total cost