min-cut

S

D

$SRe_1=\{e_1,e_6,e_8\}, SRe_2=\{e_2\}$
$SRe_3=\{e_3,e_{12}\}, SRe_4=\{e_4,e_{10}\}, SRe_5=\{e_5\}$

$L\Phi=\{e_6,e_{10},e_4,e_{12}\}.$

$Be_1=\{e_6\}, Be_2=\phi, Be_3=\{e_{12}\}$
$Be_4=\{e_{10},e_4\}, Be_5=\phi.$

$e_6:6$

$e_7:30$

$e_{10}:6$

$e_8:6$

$e_9:30$

s

1

2

3

4

d

5

6

$e_1:1$

$e_2:1$

$e_3:1$

$e_4:1$

$e_5:1$

$e_{11}:30$

$e_{12}:6$

$e_{13}:30$

$e_{14}:30$