f_1																				
$\overline{d_1}$	2	0	0	0	1	2	1	1	0	2	1	0	1	1	2	0	1	2	0	1
d_2	2	1	1	2	0	0	1	2	0	2	1	2	2	2	0	1	2	2	2	0
d_3	1	2	0	0	1	1	2	2	0	1	1	0	1	0	2	0	1	0	2	1
d_4	2	1	1	1	2	0	1	0	0	2	0	2	1	0	2	0	0	0	2	2
f_2																				
d_1	0	1	1	2	2	2	1	2	2	2	0	0	1	1	1	2	2	0	0	2
d_2	1	1	2	0	1	2	0	0	0	1	0	1	0	1	0	2	0	1	0	1
d_3	1	2	2	2	0	1	0	1	0	1	0	1	0	2	0	1	2	1	1	1
d_4	1	2	2	0	2	0	0	2	1	1	1	2	1	0	1	2	0	2	1	0
c																				
f_3		-1			-1	-1	-1		-1		1							-1		1
d_1	2	1	0	0	1	1	1	0	1	2	1	0	0	2	0	0	0	1	0	1
d_1 d_2	2	2	2	0	1 1	1 2	1 1	2	2	2	2	1	1	0	2	0	2	1	0	2
d_1 d_2 d_3	$\begin{vmatrix} 2 \\ 2 \end{vmatrix}$		-	-	1 1 0	0	1 1 1	2 2	2 0	2 1		1 0		0 1	2 2	0	2		-	2 0
d_1 d_2	2	2	2	0	_	_		2	2	2	2	1	1	0	2	0	2	1	0	2
$d_1 \\ d_2 \\ d_3 \\ d_4$	$\begin{vmatrix} 2 \\ 2 \end{vmatrix}$	2 1	2	0	0	0	1	2 2	2 0	2 1	$\frac{1}{2}$	1 0	1 0	0 1	2 2	0	2	$\frac{1}{2}$	0 2	2 0
d_1 d_2 d_3 d_4 f_4	$\begin{bmatrix} 2 \\ 2 \\ 2 \end{bmatrix}$	2 1	2	0	0	0 2	1	2 2 0	2 0 2	2 1 2	2 0 1	1 0 2	1 0 1	0 1 2	2 2 0	0 1 0	2 1 2	1 2 1	0 2 0	2 0 1
$ d_1 \\ d_2 \\ d_3 \\ d_4 \\ f_4 \\ d_1 $	$\begin{bmatrix} 2\\2\\2\\2 \end{bmatrix}$	2 1 0	2 2 1	0 1 0	0 1	2	1 1 2	2 2 0	2 0 2	2 1 2	2 0 1	1 0 2	1 0 1	0 1 2	2 2 0	0 1 0	2 1 2	1 2 1	0 2 0	2 0 1
$ \begin{array}{c} d_1 \\ d_2 \\ d_3 \\ d_4 \end{array} $ $ \begin{array}{c} f_4 \\ d_1 \\ d_2 \end{array} $	$\begin{bmatrix} 2\\2\\2\\2\\ \end{bmatrix}$	2 1 0	2 2 1 1 2	0 1 0	0 1 2 0	2 1	1 1 2 1	2 2 0 1 0	2 0 2 0 0	2 1 2 2 2	2 0 1	1 0 2	1 0 1	0 1 2 0 0	2 2 0	0 1 0	2 1 2 2 2	1 2 1 0 0	0 2 0	2 0 1 0 0
$ d_1 \\ d_2 \\ d_3 \\ d_4 \\ f_4 \\ d_1 $	$\begin{bmatrix} 2\\2\\2\\2 \end{bmatrix}$	2 1 0	2 2 1	0 1 0	0 1	2	1 1 2	2 2 0	2 0 2	2 1 2	2 0 1	1 0 2	1 0 1	0 1 2	2 2 0	0 1 0	2 1 2	1 2 1	0 2 0	2 0 1