

$\alpha^0$	$\alpha^0$	$\alpha^0$	$\alpha^0$	$\alpha^0$	$\alpha^0$	$\alpha^0$	$\alpha^0$
$\alpha^0$	$\alpha^1$	$\alpha^2$	$\alpha^3$	$\alpha^4$	$\alpha^5$	$\alpha^6$	$\alpha^7$
$\alpha^0$	$\alpha^2$	$\alpha^4$	$\alpha^6$	$\alpha^8$	$\alpha^{10}$	$\alpha^{12}$	$\alpha^{14}$
$\alpha^0$	$\alpha^3$	$\alpha^6$	$\alpha^9$	$\alpha^{12}$	$\alpha^{15}$	$\alpha^{18}$	$\alpha^{21}$
$\alpha^0$	$\alpha^4$	$\alpha^8$	$\alpha^{12}$	$\alpha^{16}$	$\alpha^{20}$	$\alpha^{24}$	$\alpha^{28}$
$\alpha^0$	$\alpha^5$	$\alpha^{10}$	$\alpha^{15}$	$\alpha^{20}$	$\alpha^{25}$	$\alpha^{30}$	$\alpha^{35}$
$\alpha^0$	$\alpha^6$	$\alpha^{12}$	$\alpha^{18}$	$\alpha^{24}$	$\alpha^{30}$	$\alpha^{36}$	$\alpha^{42}$
$\alpha^0$	$\alpha^7$	$\alpha^{14}$	$\alpha^{21}$	$\alpha^{28}$	$\alpha^{35}$	$\alpha^{42}$	$\alpha^{49}$

0 1 2 3 4 5 6 7

1	1	1	1	1	1	1	1
1	9	13	15	16	8	4	2
1	13	16	4	1	13	16	4
1	15	4	16	16	2	13	8
1	16	1	12	1	16	1	16
1	8	13	2	16	9	4	15
1	4	16	13	1	4	16	13
1	2	4	8	16	15	13	9

$c_0$	$y_0$
$c_2$	$y_1$
$c_4$	$y_2$
$c_6$	$y_3$
$c_1$	$y_4$
$c_3$	$y_5$
$c_5$	$y_6$
$c_7$	$y_7$

0 2 4 6 1 3 5 7

1	1	1	1	1	1	1	1
1	13	16	4	9	15	8	2
1	16	1	16	13	4	13	4
1	4	16	3	15	16	2	8
1	4	1	1	16	16	16	16
1	13	16	4	8	2	9	15
1	16	1	16	4	13	4	13
1	4	16	13	2	8	15	9

1	$y_0$
13	$y_1$
6	$y_2$
16	$y_3$
14	$y_4$
11	$y_5$
10	$y_6$
7	$y_7$

$n=8$

$F_8$

0	2	1	3
1	1	1	1
1	16	13	4
1	1	16	16
1	16	4	3

$y_0$
$y_1$
$y_2$
$y_3$

0	2	1	3
1	4	1	1
1	13	16	4
1	16	1	16
1	4	16	13

$y_4$
$y_5$
$y_6$
$y_7$

$n=4$

$F_4$

$$F_2 = \begin{bmatrix} y_0 = \begin{bmatrix} 1 & 1 \\ 1 & 16 \end{bmatrix} \begin{bmatrix} 1 \\ 16 \end{bmatrix} + \begin{bmatrix} 1 & 0 \\ 0 & 13 \end{bmatrix} \begin{bmatrix} 1 & 1 \\ 1 & 16 \end{bmatrix} \begin{bmatrix} 13 \\ 16 \end{bmatrix} = \begin{bmatrix} 36 \\ 3594 \end{bmatrix} \\ y_2 = \begin{bmatrix} 1 & 1 \\ 1 & 16 \end{bmatrix} \begin{bmatrix} 13 \\ 16 \end{bmatrix} + \begin{bmatrix} 16 & 0 \\ 0 & 4 \end{bmatrix} \begin{bmatrix} 1 & 1 \\ 1 & 16 \end{bmatrix} \begin{bmatrix} 13 \\ 16 \end{bmatrix} = \begin{bmatrix} 471 \\ 1173 \end{bmatrix} \\ y_4 = \begin{bmatrix} 1 & 4 \\ 1 & 3 \end{bmatrix} \begin{bmatrix} 14 \\ 11 \end{bmatrix} + \end{bmatrix}$$