

x1 x2 x3 x4 x5 x6 x7

x5	1	1	1	1	1	0	0	1
x6	1/2	-11/2	-5/2	9	0	1	0	0
x7	1/2	-3/2	-1/2	1	0	0	1	0
	-1	7	1	2	0	0	0	0



x1

x2

x3

x4

x5

x6

x7

x5

1

1

1

1

1

0

0

1

x6

1/2

-11/2

-5/2

9

0

1

0

0

x7

1/2

-3/2

-1/2

1

0

0

1

0

-1

7

1

2

0

0

0

0



x1

x2

x3

x4

x5

x6

x7

x5

1

1

1

1

1

0

0

1

← x6

 $1/2$ $-11/2$ $-5/2$

9

0

1

0

0

x7

 $1/2$ $-3/2$ $-1/2$

1

0

0

1

0

-1

7

1

2

0

0

0

0



x1

x2

x3

x4

x5

x6

x7

x5

1

1

1

1

1

0

0

1



1

-11

-5

18

0

2

0

0

x7

1/2

-3/2

-1/2

1

0

0

1

0

-1

7

1

2

0

0

0

0

x1 x2 x3 x4 x5 x6 x7

x5	0	12	6	-17	1	-2	0	1
x1	1	-11	-5	18	0	2	0	0
x7	0	4	2	-8	0	-1	1	0
	0	-4	-4	20	0	2	0	0



x1

x2

x3

x4

x5

x6

x7

x5

0

12

6

-17

1

-2

0

1

x1

1

-11

-5

18

0

2

0

0

x7

0

4

2

-8

0

-1

1

0

0

-4

-4

20

0

2

0

0

x1 x2 x3 x4 x5 x6 x7

x5 0 12 6 -17 1 -2 0 1

x1 1 -11 -5 18 0 2 0 0

x7 0 4 2 -8 0 -1 1 0

0 -4 -4 20 0 2 0 0

x1 x2 x3 x4 x5 x6 x7

x5 0 12 6 -17 1 -2 0 1

x1 1 -11 -5 18 0 2 0 0

← 0 1 1/2 -2 0 -1/4 1/4 0

0 -4 -4 20 0 2 0 0

x1 x2 x3 x4 x5 x6 x7

x5	0	0	0	7	1	1	-3	1
x1	1	0	1/2	-4	0	-3/4	11/4	0
x2	0	1	1/2	-2	0	-1/4	1/4	0
	0	0	-2	12	0	1	1	0



x1

x2

x3

x4

x5

x6

x7

x5

0

0

0

7

1

1

-3

1

x1

1

0

 $1/2$

-4

0

 $-3/4$ $11/4$

0

x2

0

1

 $1/2$

-2

0

 $-1/4$ $1/4$

0

0

0

-2

12

0

1

1

0

↓

x1 x2 x3 x4 x5 x6 x7

x5 0 0 0 7 1 1 -3 1

← x1 1 0 1/2 -4 0 -3/4 11/4 0

x2 0 1 1/2 -2 0 -1/4 1/4 0

0 0 -2 12 0 1 1 0

x1 x2 x3 x4 x5 x6 x7

x5

0 0 0 7 1 1 -3 1

2 0 1 -8 0 -3/2 11/2 0

x2

0 1 1/2 -2 0 -1/4 1/4 0

0 0 -2 12 0 1 1 0



x1 x2 x3 x4 x5 x6 x7

x5	0	0	0	7	1	1	-3	1
x3	2	0	1	-8	0	-3/2	11/2	0
x2	-1	1	0	2	0	1/2	-5/2	0
	4	0	0	-4	0	-2	12	0



x1

x2

x3

x4

x5

x6

x7

x5

0

0

0

7

1

1

-3

1

x3

2

0

1

-8

0

 $-3/2$ $11/2$

0

x2

-1

1

0

2

0

 $1/2$ $-5/2$

0

4

0

0

-4

0

-2

12

0

x1 x2 x3 x4 x5 x6 x7



x5 0 0 0 7 1 1 -3 1

x3 2 0 1 -8 0 -3/2 11/2 0

← x2 -1 1 0 2 0 1/2 -5/2 0

4 0 0 -4 0 -2 12 0

x1 x2 x3 x4 x5 x6 x7



x5

0 0 0 7 1 1 -3 1

x3

2 0 1 -8 0 -3/2 11/2 0

-1/2 1/2 0 1 0 1/4 -5/4 0

4 0 0 -4 0 -2 12 0



x1 x2 x3 x4 x5 x6 x7

x5 $7/2$ $-7/2$ 0 0 1 $-3/4$ $23/4$ 1

x3 -2 4 1 0 0 $1/2$ $-9/2$ 0

x4 $-1/2$ $1/2$ 0 1 0 $1/4$ $-5/4$ 0

2 2 0 0 0 -1 7 0

	x1	x2	x3	x4	x5	x6	x7	
x5	$7/2$	$-7/2$	0	0	1	$-3/4$	$23/4$	1
x3	-2	4	1	0	0	$1/2$	$-9/2$	0
x4	$-1/2$	$1/2$	0	1	0	$1/4$	$-5/4$	0
	2	2	0	0	0	-1	7	0

x1 x2 x3 x4 x5 x6 x7



x5 7/2 -7/2 0 0 1 -3/4 23/4 1

← x3 -2 4 1 0 0 1/2 -9/2 0

x4 -1/2 1/2 0 1 0 1/4 -5/4 0

2 2 0 0 0 -1 7 0

x1 x2 x3 x4 x5 x6 x7

x5	$7/2$	$-7/2$	0	0	1	$-3/4$	$23/4$	1
	-4	8	2	0	0	1	-9	0
x4	$-1/2$	$1/2$	0	1	0	$1/4$	$-5/4$	0
	2	2	0	0	0	-1	7	0

x1 x2 x3 x4 x5 x6 x7

x5 1/2 5/2 3/2 0 1 0 -1 1

x6 -4 8 2 0 0 1 -9 0

x4 1/2 -3/2 -1/2 1 0 0 1 0

-2 10 2 0 0 0 -2 0

x1 x2 x3 x4 x5 x6 x7



x5

1/2 5/2 3/2 0 1 0 -1 1

x6

-4 8 2 0 0 1 -9 0

x4

1/2 -3/2 -1/2 1 0 0 1 0

-2 10 2 0 0 0 -2 0

x1 x2 x3 x4 x5 x6 x7



x5

1/2 5/2 3/2 0 1 0 -1 1

x6

-4 8 2 0 0 1 -9 0

← x4

1/2 -3/2 -1/2 1 0 0 1 0

-2 10 2 0 0 0 -2 0

x1 x2 x3 x4 x5 x6 x7



x5

1/2 5/2 3/2 0 1 0 -1 1

x6

-4 8 2 0 0 1 -9 0

← x4

1/2 -3/2 -1/2 1 0 0 1 0

-2 10 2 0 0 0 -2 0

x1 x2 x3 x4 x5 x6 x7

x5 1 1 1 1 1 0 0 1

x6 1/2 -11/2 -5/2 9 0 1 0 0

x7 1/2 -3/2 -1/2 1 0 0 1 0

-1 7 1 2 0 0 0 0



x1

x2

x3

x4

x5

x6

x7

x5

1

1

1

1

1

0

0

1

x6

1/2

-11/2

-5/2

9

0

1

0

0

x7

1/2

-3/2

-1/2

1

0

0

1

0

-1

7

1

2

0

0

0

0



x1

x2

x3

x4

x5

x6

x7

x5

1

1

1

1

1

0

0

1

← x6

 $1/2$ $-11/2$ $-5/2$

9

0

1

0

0

x7

 $1/2$ $-3/2$ $-1/2$

1

0

0

1

0

-1

7

1

2

0

0

0

0



x1 x2 x3 x4 x5 x6 x7

x5

1 1 1 1 1 0 0 1



1 -11 -5 18 0 2 0 0

x7

1/2 -3/2 -1/2 1 0 0 1 0

-1 7 1 2 0 0 0 0

x1 x2 x3 x4 x5 x6 x7

x5	0	12	6	-17	1	-2	0	1
x1	1	-11	-5	18	0	2	0	0
x7	0	4	2	-8	0	-1	1	0
	0	-4	-4	20	0	2	0	0



x1

x2

x3

x4

x5

x6

x7

x5

0

12

6

-17

1

-2

0

1

x1

1

-11

-5

18

0

2

0

0

x7

0

4

2

-8

0

-1

1

0

0

-4

-4

20

0

2

0

0

x1 x2 x3 x4 x5 x6 x7

x5 0 12 6 -17 1 -2 0 1

x1 1 -11 -5 18 0 2 0 0

x7 0 4 2 -8 0 -1 1 0

0 -4 -4 20 0 2 0 0

x1 x2 x3 x4 x5 x6 x7

x5 0 12 6 -17 1 -2 0 1

x1 1 -11 -5 18 0 2 0 0

← 0 1 1/2 -2 0 -1/4 1/4 0

0 -4 -4 20 0 2 0 0

x1 x2 x3 x4 x5 x6 x7

x5	0	0	0	7	1	1	-3	1
x1	1	0	1/2	-4	0	-3/4	11/4	0
x2	0	1	1/2	-2	0	-1/4	1/4	0
	0	0	-2	12	0	1	1	0



x1

x2

x3

x4

x5

x6

x7

x5

0

0

0

7

1

1

-3

1

x1

1

0

 $1/2$

-4

0

 $-3/4$ $11/4$

0

x2

0

1

 $1/2$

-2

0

 $-1/4$ $1/4$

0

0

0

-2

12

0

1

1

0

↓

x1 x2 x3 x4 x5 x6 x7

x5 0 0 0 7 1 1 -3 1

← x1 1 0 1/2 -4 0 -3/4 11/4 0

x2 0 1 1/2 -2 0 -1/4 1/4 0

0 0 -2 12 0 1 1 0

x1 x2 x3 x4 x5 x6 x7

x5

0 0 0 7 1 1 -3 1

2 0 1 -8 0 -3/2 11/2 0

x2

0 1 1/2 -2 0 -1/4 1/4 0

0 0 -2 12 0 1 1 0



x1 x2 x3 x4 x5 x6 x7

x5	0	0	0	7	1	1	-3	1
x3	2	0	1	-8	0	-3/2	11/2	0
x2	-1	1	0	2	0	1/2	-5/2	0
	4	0	0	-4	0	-2	12	0



x1

x2

x3

x4

x5

x6

x7

x5

0

0

0

7

1

1

-3

1

x3

2

0

1

-8

0

 $-3/2$ $11/2$

0

x2

-1

1

0

2

0

 $1/2$ $-5/2$

0

4

0

0

-4

0

-2

12

0

x1 x2 x3 x4 x5 x6 x7



x5 0 0 0 7 1 1 -3 1

x3 2 0 1 -8 0 -3/2 11/2 0

← x2 -1 1 0 2 0 1/2 -5/2 0

4 0 0 -4 0 -2 12 0

x1 x2 x3 x4 x5 x6 x7



x5

0 0 0 7 1 1 -3 1

x3

2 0 1 -8 0 -3/2 11/2 0

-1/2 1/2 0 1 0 1/4 -5/4 0

4 0 0 -4 0 -2 12 0



x1 x2 x3 x4 x5 x6 x7

x5 $7/2$ $-7/2$ 0 0 1 $-3/4$ $23/4$ 1

x3 -2 4 1 0 0 $1/2$ $-9/2$ 0

x4 $-1/2$ $1/2$ 0 1 0 $1/4$ $-5/4$ 0

2 2 0 0 0 -1 7 0



x1 x2 x3 x4 x5 x6 x7

x5

$7/2$ $-7/2$ 0 0 1 $-3/4$ $23/4$

1

x3

-2 4 1 0 0 $1/2$ $-9/2$

0

x4

$-1/2$ $1/2$ 0 1 0 $1/4$ $-5/4$

0

2

2

0

0

0

-1

7

0

x1 x2 x3 x4 x5 x6 x7



x5 $7/2$ $-7/2$ 0 0 1 $-3/4$ $23/4$ 1

x3 -2 4 1 0 0 $1/2$ $-9/2$ 0

x4 $-1/2$ $1/2$ 0 1 0 $1/4$ $-5/4$ 0

2 2 0 0 0 -1 7 0

x1 x2 x3 x4 x5 x6 x7

x5	$7/2$	$-7/2$	0	0	1	$-3/4$	$23/4$	1
	-4	8	2	0	0	1	-9	0
x4	$-1/2$	$1/2$	0	1	0	$1/4$	$-5/4$	0
	2	2	0	0	0	-1	7	0



x1 x2 x3 x4 x5 x6 x7

x5 1/2 5/2 3/2 0 1 0 -1 1

x6 -4 8 2 0 0 1 -9 0

x4 1/2 -3/2 -1/2 1 0 0 1 0

-2 10 2 0 0 0 -2 0

x1 x2 x3 x4 x5 x6 x7



x5

1/2 5/2 3/2 0 1 0 -1 1

x6

-4 8 2 0 0 1 -9 0

x4

1/2 -3/2 -1/2 1 0 0 1 0

-2 10 2 0 0 0 -2 0

x1 x2 x3 x4 x5 x6 x7



x5

1/2 5/2 3/2 0 1 0 -1 1

x6

-4 8 2 0 0 1 -9 0

← x4

1/2 -3/2 -1/2 1 0 0 1 0

-2 10 2 0 0 0 -2 0

x1 x2 x3 x4 x5 x6 x7



x5

1/2 5/2 3/2 0 1 0 -1 1

x6

-4 8 2 0 0 1 -9 0

← x4

1/2 -3/2 -1/2 1 0 0 1 0

-2 10 2 0 0 0 -2 0

x1 x2 x3 x4 x5 x6 x7

x5	1	1	1	1	1	0	0	1
x6	1/2	-11/2	-5/2	9	0	1	0	0
x7	1/2	-3/2	-1/2	1	0	0	1	0
	-1	7	1	2	0	0	0	0



x1

x2

x3

x4

x5

x6

x7

x5

1

1

1

1

1

0

0

1

x6

1/2

-11/2

-5/2

9

0

1

0

0

x7

1/2

-3/2

-1/2

1

0

0

1

0

-1

7

1

2

0

0

0

0



x1

x2

x3

x4

x5

x6

x7

x5

1

1

1

1

1

0

0

1

← x6

 $1/2$ $-11/2$ $-5/2$

9

0

1

0

0

x7

 $1/2$ $-3/2$ $-1/2$

1

0

0

1

0

-1

7

1

2

0

0

0

0



x1

x2

x3

x4

x5

x6

x7

x5

1

1

1

1

1

0

0

1



1

-11

-5

18

0

2

0

0

x7

1/2

-3/2

-1/2

1

0

0

1

0

-1

7

1

2

0

0

0

0

x1 x2 x3 x4 x5 x6 x7

x5	0	12	6	-17	1	-2	0	1
x1	1	-11	-5	18	0	2	0	0
x7	0	4	2	-8	0	-1	1	0
	0	-4	-4	20	0	2	0	0