

A =

A =

A =

2 1 1 3

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

0 1/2 -7/2 9/2

A =

2 1 1 3

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

0 0 -4 4

Ared =

2 1 1

0 -3/2 -3/2

0 0 -4

bred =

3

-3/2

4

X =

1

2

-1

2.

A =

1 -1 5

-1 4 2

3 -1 2

A =

1 -1 5

0 3 7

3 -1 2

A =

- 1 -1 5
- 0 3 7
- 0 2 -13

A =

- 1 -1 5
- 0 3 7
- 0 0 -53/3

U =

- 1 -1 5
 - 0 3 7
- 0 0 -53/3

L =

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

A =

- 1 -1 5
- -1 4 2
- 3 -1 2

w						
(3)	[2	- 3	-2	1		24-3-4-1=0,2w=8,[w=4)
	0	1/2	O	3/2	-1	$1/2 \times -3/2 = -1$, $\frac{1}{2} \times = \frac{1}{2}$, $\times = 1$
	0	0	3	9	-3	3y-9=-3, 3y=6, y=2)
	0	0	0	-6	16-	[z=-]/a.
	[2	1	-2			2w # -/2 - 1 +/2 = 1, zw=2/w=1
	6	5/2	0			5/2 x + 3/4 = -1/4, 5/2 x = -5 x = -1/2)
	0	0	3	9/5	12/5	$3y + \frac{4}{10} = \frac{24}{10}, 3y = \frac{15}{10} y = \frac{1}{2} $
	0	6	0	-	-	16/5 == 35 1 == 1/2 b.
				10		

4.

Ared =

2 1 -2 1

0 5/2 0 3/2

0 0 3 9/5

0 0 0 6/5

bred =

1

-1/2

12/5

3/5

X =

1

-1/2

1/2

1/2

		A					L					U					
	(5)	1	2	- 6	9		1	0	0	Ó	1		2	6	9		
	2	1-2	7	-10	-18	-	-2	1	0	0		0		73	-	. (
		1 - 2	9	7-1	0 1/2	-	1-7	8	1	0		0		1	7	柳台	
		-			10)		-1	70	2 3	١		0	0	0	1		
	N	27 =	-20	4.	4= 2	1/2	-										
	1	117 =	2														
	11/2	1=-3		Uzui	= 6	/											
	L	13															
-																	