```
> with(linalg):
    with(LinearAlgebra):
    A := Matrix(31, 31, 0):
    for i from 1 to 30 do
        A[i, i + 1] := 1:
    od:
    A[28, 1] := 1:
    A[31, 1] := 1:
    printf("A = ");
    evalm(A);
```

(1)

(1)

```
1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1,
                     0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 1):
         printf("F =");
        evalm(F);
       printf("L =");
         evalm(L);
       printf("X =");
         evalm(X);
       [31, 32, 35, 36, 6, 7, 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 23, 24, 25, 26, 27, 29, 38,
            39, 40, 41, 42, 43, 63, 66, 67]
[1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 
                                                                                                                                                                                                                                                                                        (2)
            1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 0, 1, 0, 1,
            0, 0, 1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 1
\succ C := Matrix(34, 31):
         printf("C =");
          for i from 1 to 34 do
               tmp := (MatrixVectorMultiply(MatrixPower(A, L[i]), F) \mod 2):
               for j from 1 to 31 do
                C[i,j] := tmp[j]:
               od;
        od:
         evalm(C);
          for i from 1 to 34 do
              printf("Ligne %d \n", i);
              printf(" ");
              for j from 1 to 31 do
                    if C[i, j] = 1 then
                          printf( "s%d ", 31 – j);
                    fi:
               od;
              printf("\n");
         od:
C =
```

 $0 \;\; 1 \;\; 0 \;\; 0 \;\; 1 \;\; 1 \;\; 0 \;\; 1 \;\; 1 \;\; 0 \;\;$

```
Ligne 1
         s27 s25 s24 s3 s0
s28
Ligne 2
         s28
              s26 s25 s4
 s29
                            s1
Ligne 3
                      s1
   s29
         s28
              s7
                  s3
                          s0
Ligne 4
         s29
              s8
   s30
                  s4
                      s2
                          s1
Ligne 5
   s30
        s6 s3
                s0
Ligne 6
 s7
            s3
                    s0
        s4
                s1
Ligne 7
  s8 s5
                s2
                    s1
            s4
Ligne 8
 s10 s7
             s 6
                 s4
                     s3
Ligne 9
 s11
             s7
                 s5
         s8
                     s4
Ligne 10
         s9
 s12
             s8
                 s6
                     s5
Ligne 11
   s13 s10
              s9 s7 s6
Ligne 12
         s11
  s14
              s10
                   s8
                       s7
Ligne 13
         s12
 s15
              s11
                   s 9
                       s8
Ligne 14
   s16 s13
                       s 9
              s12
                   s10
Ligne 15
   s17 s14
              s13
                        s10
                   s11
Ligne 16
  s18 s15
              s14
                   s12
                        s11
Ligne 17
 s19
         s16
              s15
                   s13
                        s12
Ligne 18
   s20
         s17
              s16
                   s14
                        s13
Ligne 19
         s18
              s17
                   s15
                        s14
  s21
Ligne 20
 s23
         s20
              s19
                   s17
                        s16
Ligne 21
  s24
         s21
              s20
                   s18
                        s17
Ligne 22
   s25 s22
              s21
                   s19
                        s18
Ligne 23
         s23
              s22
  s26
                   s20
                        s19
Ligne 24
         s24
              s23
                   s21
 s27
                        s20
Ligne 25
   s29 s26
              s25
                   s23
                        s22
Ligne 26
   s10 s6
             s1
                 s0
Ligne 27
         s7
s11
             s2
                 s1
Ligne 28
s12
         s8
             s3
                 s2
Ligne 29
```

```
s13
                           s9
Ligne 30
                           s10 s5 s4
            s14
Ligne 31
            s15
                           s11
Ligne 32
            s26
Ligne 33
                           s28 s10 s7 s6
            s29
Ligne 34
            s30
                           s29
                                         s11
> for i from 1 to 34 do
           B := Vector(34, 0):
           B[i] := 1:
           for j from 1 to 34 do
              B[j] := (X[L[j] + 1] + B[j]) \mod 2:
        Linsolve(C, B) \mod 2;
       od:
                                                                B := \begin{bmatrix} 1 ... 34 \ Vector_{column} \\ Data \ Type: \ anything \\ Storage: \ rectangular \\ Order: \ Fortran\_order \end{bmatrix}
                                                                     1 .. 31 Vector<sub>column</sub>

Data Type: anything

Storage: rectangular

Order: Fortran_order
                                                                B := \begin{bmatrix} 1 .. 34 \ Vector_{column} \\ Data \ Type: \ anything \\ Storage: \ rectangular \\ Order: \ Fortran\_order \end{bmatrix}
                              Linsolve \left[ \begin{array}{c} 34 \, x \, 31 \, Matrix \\ Data \, Type: \, anything \\ Storage: \, rectangular \\ Order: \, Fortran\_order \end{array} \right], \left[ \begin{array}{c} 1 \, .. \, 34 \, Vector_{column} \\ Data \, Type: \, anything \\ Storage: \, rectangular \\ Order: \, Fortran\_order \end{array} \right]
```

$$B := \begin{bmatrix} 1 ... 34 \ Vector_{column} \\ Data \ Type: \ anything \\ Storage: \ rectangular \\ Order: \ Fortran_order \end{bmatrix}$$

$$B_3 := 1$$

$$34 \times 31 \ Matrix \qquad \boxed{1 ... 34 \ N}$$

B := $\begin{bmatrix}
1 .. 34 \ Vector_{column} \\
Data \ Type: anything \\
Storage: rectangular \\
Order: Fortran_order
\end{bmatrix}$

 $Linsolve \left[\begin{array}{c} 34 \, x \, 31 \, Matrix \\ Data \, Type: \, anything \\ Storage: \, rectangular \\ Order: \, Fortran_order \end{array} \right], \left[\begin{array}{c} 1 \, .. \, 34 \, Vector_{column} \\ Data \, Type: \, anything \\ Storage: \, rectangular \\ Order: \, Fortran_order \end{array} \right]$

 $B := \begin{bmatrix} 1 .. 34 \ Vector_{column} \\ Data \ Type: \ anything \\ Storage: \ rectangular \\ Order: \ Fortran_order \end{bmatrix}$

1 .. 31 Vector_{column}

Data Type: anything

Storage: rectangular Order: Fortran_order

B := $\begin{bmatrix}
1 .. 34 \ Vector_{column} \\
Data \ Type: anything \\
Storage: rectangular \\
Order: Fortran_order
\end{bmatrix}$

```
B_6 := 1
Linsolve \begin{pmatrix} 34 \times 31 \ Matrix \\ Data \ Type: \ anything \\ Storage: \ rectangular \\ Order: \ Fortran\_order \end{pmatrix}, \begin{bmatrix} 1 \dots 34 \ Vector_{column} \\ Data \ Type: \ anything \\ Storage: \ rectangular \\ Order: \ Fortran\_order \end{bmatrix}
B := \begin{bmatrix} 1 \dots 34 \ Vector_{column} \\ Data \ Type: \ anything \\ Storage: \ rectangular \\ Order: \ Fortran\_order \end{bmatrix}
B_7 := 1
```

$$B := \begin{bmatrix} 1 ... 34 \ Vector_{column} \\ Data \ Type: \ anything \\ Storage: \ rectangular \\ Order: \ Fortran_order \end{bmatrix}$$

$$B_8 := 1$$

 $Linsolve \left[\begin{array}{c} 34 \, x \, 31 \, Matrix \\ Data \, Type: \, anything \\ Storage: \, rectangular \\ Order: \, Fortran_order \end{array} \right], \left[\begin{array}{c} 1 \, .. \, 34 \, Vector_{column} \\ Data \, Type: \, anything \\ Storage: \, rectangular \\ Order: \, Fortran_order \end{array} \right]$

$$B := \begin{bmatrix} 1 .. 34 \ Vector_{column} \\ Data \ Type: \ anything \\ Storage: \ rectangular \\ Order: \ Fortran_order \end{bmatrix}$$

$$B_9 := 1$$

Linsolve	34 x 31 Matrix	[1 34 Vector _{column}		
	Data Type: anything	Data Type: anything		
	Storage: rectangular	Storage: rectangular		
	Order: Fortran_order	Data Type: anything Storage: rectangular Order: Fortran_order		
$B := egin{bmatrix} 1 34 \ Vector_{column} \ Data \ Type: anything \ Storage: rectangular \ Order: Fortran_order \end{bmatrix}$				
B :=	_ Data Tvr	pe: anvthing		
	$B := \left \begin{array}{c} S_1 \\ S_2 \\ \end{array} \right $	rectangular		
	Order: Fo	ortran order		
$B_{10} := 1$				
Linsolve	34 x 31 Matrix	1 34 Vector _{column}		
	Data Type: anything	Data Type: anything		
	Storage: rectangular	Storage: rectangular		
Linsolve $\begin{bmatrix} 34 \times 31 \text{ Matrix} \\ Data \text{ Type: anything} \\ Storage: rectangular} \\ Order: Fortran_order \end{bmatrix}, \begin{bmatrix} 1 34 \text{ Matrix} \\ Data \text{ Type} \\ Storage: \\ Order: Fortran_order \end{bmatrix}$		r] [Order: Fortran_order]]		
$B := \begin{bmatrix} 1 34 \ Vector_{column} \\ Data \ Type: \ anything \\ Storage: \ rectangular \\ Order: \ Fortran_order \end{bmatrix}$				
	Data Typ	pe: anything		
	Storage:	rectangular		
Order: Fortran order				
$B_{11} := 1$				
[34 x 31 Matrix] [1 34 Vector _{column}] Data Type: anything] Data Type: anything				
	Data Type: anything	Data Type: anything		
Linsolve	Storage: rectangular	Storage: rectangular		
	Order: Fortran_order	Storage: rectangular Order: Fortran_order		
$B := \begin{bmatrix} 1 34 \ Vector_{column} \\ Data \ Type: \ anything \\ Storage: \ rectangular \\ Order: \ Fortran_order \end{bmatrix}$				
	Data Tvr	pe: anything		
	$B := \begin{bmatrix} Storage : \end{bmatrix}$	rectangular		
	Order: Fo	ortran order		
$B_{12} := 1$				
Linsolve	34 x 31 Matrix	Data Type: anything Storage: rectangular Order: Fortran_order		
	Data Type: anything	, Data Type: anything		
	Storage: rectangular	Storage: rectangular		
	Order: Fortran_order	r] [Order: Fortran_order]]		

$$B := \begin{bmatrix} 1 ... 34 \ Vector_{column} \\ Data \ Type: \ anything \\ Storage: \ rectangular \\ Order: \ Fortran_order \end{bmatrix}$$
$$B_{13} := 1$$

 $B := \begin{bmatrix} 1 .. 34 \ Vector_{column} \\ Data \ Type: \ anything \\ Storage: \ rectangular \\ Order: \ Fortran_order \end{bmatrix}$

1 .. 31 Vector_{column}

Data Type: anything

Storage: rectangular

Order: Fortran_order

B := $\begin{bmatrix}
1 .. 34 \ Vector_{column} \\
Data \ Type: \ anything \\
Storage: \ rectangular \\
Order: Fortran_order
\end{bmatrix}$ $B_{15} := 1$

> 1.. 31 Vector_{column} Data Type: anything Storage: rectangular

Order: Fortran_order

B := \begin{align*} 1 \therefore 34 \textit{Vector}_{column} \\ Data \textit{Type: anything} \\ Storage: \textit{rectangular} \\ Order: \textit{Fortran_order} \end{align*}

$$B_{16} := 1$$

1.. 31 Vector_{column}

Data Type: anything

Storage: rectangular

Order: Fortran_order

B := Data Type: anything
Storage: rectangular
Order: Fortran_order

1.. 31 Vector_{column}

Data Type: anything

Storage: rectangular

Order: Fortran_order

 $B := \begin{bmatrix} 1 ... 34 \ Vector_{column} \\ Data \ Type: \ anything \\ Storage: \ rectangular \end{bmatrix}$

Order: Fortran_order

 $B_{18} := 1$

1.. 31 Vector_{column}

Data Type: anything

Storage: rectangular

Order: Fortran_order

 $B := \begin{bmatrix} 1 .. 34 \ Vector_{column} \\ Data \ Type: \ anything \\ Storage: \ rectangular \\ Order: \ Fortran_order \end{bmatrix}$

 $B_{19} := 1$

1.. 31 Vector_{column}

Data Type: anything

Storage: rectangular

Order: Fortran_order

 $B := \begin{bmatrix} 1 .. 34 \ Vector_{column} \\ Data \ Type: \ anything \\ Storage: \ rectangular \\ Order: \ Fortran_order \end{bmatrix}$

 $B_{20} := 1$

1.. 31 Vector_{column}

Data Type: anything

Storage: rectangular

Order: Fortran_order

 $B := \begin{bmatrix} 1 ... 34 \ Vector_{column} \\ Data \ Type: \ anything \\ Storage: \ rectangular \end{bmatrix}$

Order: Fortran_order

 $B_{21} := 1$

1.. 31 Vector_{column}

Data Type: anything

Storage: rectangular

Order: Fortran_order

 $B := \begin{bmatrix} 1 .. 34 \ Vector_{column} \\ Data \ Type: \ anything \\ Storage: \ rectangular \\ Order: \ Fortran_order \end{bmatrix}$

 $B_{22} := 1$

1.. 31 Vector_{column}

Data Type: anything

Storage: rectangular

Order: Fortran_order

$$B := \begin{bmatrix} 1 ... 34 \ Vector_{column} \\ Data \ Type: \ anything \\ Storage: \ rectangular \\ Order: \ Fortran_order \\ B_{23} := 1 \\ \begin{bmatrix} 1 ... 31 \ Vector_{column} \\ Data \ Type: \ anything \end{bmatrix}$$

Data Type: anything
Storage: rectangular
Order: Fortran_order

 $B := \begin{bmatrix} 1 ... 34 \ Vector_{column} \\ Data \ Type: \ anything \\ Storage: \ rectangular \\ Order: \ Fortran_order \\ B_{24} := 1 \end{bmatrix}$

1 .. 31 Vector_{column}

Data Type: anything

Storage: rectangular

Order: Fortran_order

 $B := \begin{bmatrix} 1 ... 34 \ Vector_{column} \\ Data \ Type: \ anything \\ Storage: \ rectangular \\ Order: \ Fortran_order \\ B_{25} := 1 \end{bmatrix}$

1 .. 31 Vector_{column}

Data Type: anything

Storage: rectangular

Order: Fortran_order

B := $\begin{bmatrix}
1 .. 34 \ Vector_{column} \\
Data \ Type: \ anything \\
Storage: \ rectangular \\
Order: Fortran_order
\end{bmatrix}$

```
B_{26} := 1
Linsolve \left[ \begin{array}{c} 34 \, x \, 31 \, Matrix \\ Data \, Type: \, anything \\ Storage: \, rectangular \\ Order: \, Fortran\_order \end{array} \right], \left[ \begin{array}{c} 1 \, .. \, 34 \, Vector_{column} \\ Data \, Type: \, anything \\ Storage: \, rectangular \\ Order: \, Fortran\_order \end{array} \right]
                                                                           B := \begin{bmatrix} 1 ... 34 \ Vector_{column} \\ Data \ Type: \ anything \\ Storage: \ rectangular \\ Order: \ Fortran\_order \end{bmatrix}
```

$$B := \begin{bmatrix} 1 ... 34 \ Vector_{column} \\ Data \ Type: \ anything \\ Storage: \ rectangular \\ Order: \ Fortran_order \end{bmatrix}$$

$$B_{28} := 1$$

1.. 31 Vector_{column}

Data Type: anything

Storage: rectangular

Order: Fortran_order

$$B := \begin{bmatrix} 1 ... 34 \ Vector_{column} \\ Data \ Type: \ anything \\ Storage: \ rectangular \\ Order: \ Fortran_order \\ B_{20} := 1 \end{bmatrix}$$

Linsolve	34 x 31 Matrix	1 34 Vector _{column}		
	Data Type: anything	Data Type: anything		
	Storage: rectangular	Storage: rectangular		
	Order: Fortran_orde	Data Type: anything Storage: rectangular Order: Fortran_order		
$B := egin{bmatrix} 1 34 \ Vector_{column} \ Data \ Type: anything \ Storage: rectangular \ Order: Fortran_order \end{bmatrix}$				
B :=	_ Data Tvi	pe: anvthing		
	B := Storage:	rectangular		
	Order: Fo	ortran order		
R := 1				
Linsolve $\begin{bmatrix} 34 \times 31 \text{ Matrix} \\ Data \text{ Type: anything} \\ Storage: rectangular} \\ Order: Fortran_order \end{bmatrix}, \begin{bmatrix} 1 34 \text{ Vector}_{column} \\ Data \text{ Type: anything} \\ Storage: rectangular} \\ Order: Fortran_order \end{bmatrix}$				
Linsolve	34 x 31 Matrix	1 54 Vector _{column}		
	Data Type: anything	Data Type: anything		
	Storage: rectangular	Storage: rectangular		
[Order: Fortran_order] [Order:		r] [Order: Fortran_order]]		
1 34 Vector _{column}				
	B := \begin{aligned} 1 \therefore 34 \textit{Vec} \\ Data Type. \\ Storage: re \\ Order: Fore	pe: anything		
		rectangular		
Order: Fortran order				
$B_{31} := 1$				
$\begin{bmatrix} 34 \times 31 \text{ Matrix} \\ Data \text{ Type: anything} \end{bmatrix} \begin{bmatrix} 1 \dots 34 \text{ Vector}_{column} \\ Data \text{ Type: anything} \end{bmatrix}$				
	Data Type: anything	Data Type: anything		
Linsolve	Storage: rectangular	Storage: rectangular		
	Order: Fortran_orde	Storage: rectangular Order: Fortran_order		
$B := \begin{bmatrix} 1 34 \ Vector_{column} \\ Data \ Type: \ anything \\ Storage: \ rectangular \\ Order: \ Fortran_order \end{bmatrix}$				
	Data Tvi	ne: anything		
	$B := \begin{bmatrix} Batta Typ \\ Storage \end{bmatrix}$	rectanoular		
	Order: Fo	ortran order		
$B_{32} := 1$				
	34 x 31 Matrix	Data Type: anything Storage: rectangular Order: Fortran_order		
Linsolve	Data Type: anything	Data Type: anything		
	Storage: rectangular	Storage: rectangular		
	Order: Fortran_orde	r] [Order: Fortran_order]]		

$$B := \begin{bmatrix} 1 ... 34 \ Vector_{column} \\ Data \ Type: \ anything \\ Storage: rectangular \\ Order: Fortran_order \end{bmatrix}$$

$$B_{33} := 1$$

$$Linsolve \begin{bmatrix} 34 x 31 \ Matrix \\ Data \ Type: \ anything \\ Storage: rectangular \\ Order: Fortran_order \end{bmatrix} \begin{bmatrix} 1 ... 34 \ Vector_{column} \\ Data \ Type: \ anything \\ Storage: rectangular \\ Order: Fortran_order \end{bmatrix}$$

$$B := \begin{bmatrix} 1 ... 34 \ Vector_{column} \\ Data \ Type: \ anything \\ Storage: rectangular \\ Order: Fortran_order \end{bmatrix}$$

$$B_{34} := 1$$

$$Linsolve \begin{bmatrix} 34 x 31 \ Matrix \\ Data \ Type: \ anything \\ Storage: rectangular \\ Order: Fortran_order \end{bmatrix} \begin{bmatrix} 1 ... 34 \ Vector_{column} \\ Data \ Type: \ anything \\ Storage: rectangular \\ Order: Fortran_order \end{bmatrix}$$

$$Storage: rectangular \\ Order: Fortran_order \end{bmatrix}$$

$$Storage: rectangular \\ Order: Fortran_order \end{bmatrix}$$

$$Storage: rectangular \\ Order: Fortran_order \end{bmatrix}$$