

```
Sym (A) :=
| n ← cols (A)
|   for i ∈ 2 .. n
|     for j ∈ 1 .. i - 1
|       Ai, j ← Aj, i
| A
```

$$A := \begin{pmatrix} 10 & -1 & 2 & 3 \\ 0 & 15 & 1 & 2 \\ 0 & 0 & 13 & -1 \\ 0 & 0 & 0 & 11 \end{pmatrix}$$

A := Sym (A)

A =

	1	2	3	4
1	10	-1	2	3
2	-1	15	1	2
3	2	1	13	-1
4	3	2	-1	11

L := cholesky (A)

L =

	1	2	3	4
1	3.162	0	0	0
2	-0.316	3.86	0	0
3	0.632	0.311	3.536	0
4	0.949	0.596	-0.505	3.081