

In [1]:

```
A=matrix([[1,0,0,0],[1,1,0,0],[1,2,1,0],[1,3,3,1]])  
show(A)
```

Out[1]:

$$\begin{pmatrix} 1 & 0 & 0 & 0 \\ 1 & 1 & 0 & 0 \\ 1 & 2 & 1 & 0 \\ 1 & 3 & 3 & 1 \end{pmatrix}$$

In [2]:

```
show(A^(-1))
```

Out[2]:

$$\begin{pmatrix} 1 & 0 & 0 & 0 \\ -1 & 1 & 0 & 0 \\ 1 & -2 & 1 & 0 \\ -1 & 3 & -3 & 1 \end{pmatrix}$$

In [0]: