

In [1]:

```
A=matrix([[3,-2,0],[-2,3,0],[0,0,5]])  
show(A)
```

Out[1]:

$$\begin{pmatrix} 3 & -2 & 0 \\ -2 & 3 & 0 \\ 0 & 0 & 5 \end{pmatrix}$$

In [2]:

```
show(A.eigenvectors_right())
```

Out[2]:

```
[(1, [(1, 1, 0)], 1), (5, [(1, -1, 0), (0, 0, 1)], 2)]
```

In [0]: