

To print higher-resolution math symbols, click the **Hi-Res Fonts for Printing** button on the jsMath control panel.

tutorial 2

```
sx=(1/2)*matrix([[0,1],[1,0]]);sx
```

$$\begin{bmatrix} 0 & 1/2 \\ 1/2 & 0 \end{bmatrix}$$

```
id=identity_matrix(2)
```

```
id
```

$$\begin{bmatrix} 1 & 0 \\ 0 & 1 \end{bmatrix}$$

```
ssx=sx.tensor_product(id)+id.tensor_product(sx);ssx
```

$$\begin{bmatrix} 0 & 1/2 & 1/2 & 0 \\ 1/2 & 0 & 0 & 1/2 \\ 1/2 & 0 & 0 & 1/2 \\ 0 & 1/2 & 1/2 & 0 \end{bmatrix}$$