```
表格
                       泡利自旋矩阵
ln[\bullet]:=\vec{n}=\{Sin[\theta]\ Cos[\phi],\ Sin[\theta]\ Sin[\phi],\ Cos[\theta]\};
                                       |正弦
In[*]:= Grid[
          Insert
          插入
           Transpose[{Eigenvalues[n̂.♂],
                              |特征值
               TraditionalForm /@ Assuming \{\theta, \varphi\} \in \text{Reals}, Normalize /@ Simplify
               传统格式
                                              |假定
                                                                           |实数域 | 正规化
                       Eigenvectors [\hat{\mathbf{n}}.\hat{\boldsymbol{\sigma}}], {"Eigenvalue", "Eigenvector"}, 1],
                      |特征向量
          Frame → All
          |边框
                      |全部
         Eigenvalue
                                                                Eigenvector
                - 1
                                                                           \sqrt{1+\left(i\sin(\varphi)-\cos(\varphi)\right)} tan\left(\frac{\theta}{2}\right)
Out[•]=
                 1
                                                                                           (\cos(\varphi) - i \sin(\varphi)) \mid 2
                                                                           \sqrt{1+\left|\cot\left(\frac{\Theta}{2}\right)\right|}
```

 $In[\bullet]:= \hat{\sigma} = Table[PauliMatrix[i], \{i, 3\}];$