

In[11]= **InnerProduct = DotProduct**

Out[11]= DotProduct

In[12]=

In[13]= **ScalarProduct = RealVectorScalarProduct**

Out[13]= RealVectorScalarProduct

In[14]= **VectorSum = RealVectorSum**

Out[14]= RealVectorSum

In[15]= **RealVectorSum**

Out[15]= RealVectorSum

In[16]= **B = {{1, 1, 0}, {1, 2, 0}, {1, 1, 1}}**

Out[16]= {{1, 1, 0}, {1, 2, 0}, {1, 1, 1}}

In[17]= **BB = Simplify[OrthonormalBasis[B]]**

Out[17]= $\left\{ \left\{ \frac{1}{\sqrt{2}}, \frac{1}{\sqrt{2}}, 0 \right\}, \left\{ -\frac{1}{\sqrt{2}}, \frac{1}{\sqrt{2}}, 0 \right\}, \{0, 0, 1\} \right\}$

In[18]=