

```

In[4]:= 
$$\begin{pmatrix} 1 & 0 & 0 \\ 0 & \cos[58.59866/180.*\text{Pi}] & \sin[58.59866/180.*\text{Pi}] \\ 0 & -\sin[58.59866/180.*\text{Pi}] & \cos[58.59866/180.*\text{Pi}] \end{pmatrix} \cdot$$


$$\begin{pmatrix} \cos[28.93617/180.*\text{Pi}] & 0 & -\sin[28.93617/180.*\text{Pi}] \\ 0 & 1 & 0 \\ \sin[28.93617/180.*\text{Pi}] & 0 & \cos[28.93617/180.*\text{Pi}] \end{pmatrix} \cdot$$


$$\begin{pmatrix} \cos[266.40500/180.*\text{Pi}] & \sin[266.40500/180.*\text{Pi}] & 0 \\ -\sin[266.40500/180.*\text{Pi}] & \cos[266.40500/180.*\text{Pi}] & 0 \\ 0 & 0 & 1 \end{pmatrix}$$

Out[4]= {{-0.0548755, -0.873437, -0.483835},
{0.49411, -0.44483, 0.746982}, {-0.867666, -0.198076, 0.455984}}

In[6]:= {{-0.0548754832584196', -0.8734371285898662', -0.4838349550599299'},
{0.49410956686008767', -0.4448295118223244', 0.7469822229138047'},
{-0.8676660747513939', -0.1980764696085884', 0.4559838757159145'}}.
{0.19033, -0.97915, -0.0709752}

Out[6]= {0.879122, 0.476581, -0.00355986}

```