```
\left( \text{tx ty tz 1} \right) \left( 0 \ 0 \ 0 \ 1 \right) \left( 0 \ -\text{cx zoom} -\text{sx 1} \right)
\texttt{Out} \texttt{[10]} = \left\{ \left\{ \texttt{cs} \texttt{cys} - \texttt{ssssy}, \texttt{cyssssx} + \texttt{csssxsy}, -\texttt{cxcysss} - \texttt{cscxssy}, \ 0 \right\}, \right.
                           \{0, cxs, ssx, 0\}, \{cysss+csssy, -cscyssx+ssssxsy, cscxcys-cxssssy, 0\},
                           \{sy(-sstx+cstz)+cy(cstx+sstz),-cx+cxty-cysx(-sstx+cstz)+sxsy(cstx+sstz),
                               -sx + sx ty + cx cy (-ss tx + cs tz) - cx sy (cs tx + ss tz) + zoom, 1}
                                      0 0 0 cy sxsy
                                                                                                                             -cxsy 0
                                                    0 0
                                                                                 0
                                                                                                СX
                            0 0 s 0
                                                                                 sy -cysx
                                                                                                  -cx zoom-sx 1
\{cy\,tx\,+\,sy\,tz\,,\,\,-\,cx\,+\,sx\,sy\,tx\,+\,cx\,ty\,-\,cy\,sx\,tz\,,\,\,-\,sx\,-\,cx\,sy\,tx\,+\,sx\,ty\,+\,cx\,cy\,tz\,+\,zoom,\,\,1\}\}
                        (1 0 0 0) (cy sxsy
                                                                                                                  -cxsy 0
                          0 1 0 0
                                                                  0 cx
                        0 0 1 0 | sy -cysx cxcy
                        (0 2 0 1) (0 -cx zoom-sx 1)
Out[12]= \{(cy, sxsy, -cxsy, 0), \{0, cx, sx, 0\}, \{sy, -cysx, cxcy, 0\}, \{0, cx, sx + zoom, 1\}\}
                                                                                                   0 | Cy sxsy -cxsy 0 | 0 | cx sx 0 |
                                                                                                    0
 \text{Out} [17] = \{ \{ \text{cy, sx sy, } -\text{cx sy, } 0 \}, \{ 0, \text{cx, sx, } 0 \}, \{ \text{sy, } -\text{cy sx, } \text{cx cy, } 0 \}, \{ -\text{cy xPos } -\text{sy zPos, } \}, \{ -\text{cy xPos, } -\text{cy xPos, } -\text{cy xPos, } \}, \{ -\text{cy xPos, } -\text{cy xPos
```

-cx - sx sy xPos - cx yPos + cy sx zPos, -sx + cx sy xPos - sx yPos - cx cy zPos, 1