

Console

U=

```
0.5773503 - 0.7559289  1.  0.  0.  0.
0.          0.3779645  0.  1.  0.  0.
0.5773503  0.3779645  0.  0.  1.  0.
- 0.5773503 - 0.3779645  0.  0.  0.  1.
```

W=

```
0.5774          -0.7559          0.3086          0.0000
                 -0.0000          0.5066
0.0000          0.3780          0.9258          0.0000
                 -0.0000          0.6004
0.5774          0.3780          -0.1543         0.0000
                 0.7071          0.1501
-0.5774         -0.3780          0.1543          0.0000
                 0.7071          -0.6004
```

V=

```
0.5774          -0.7559          0.0952          0.0000
                 -0.0000          0.0000
0.0000          0.3780          0.2857         -0.0000
                 -0.0000          0.0000
0.5774          0.3780          -0.0476        -0.0000
                 0.5000          0.0000
-0.5774         -0.3780          0.0476          0.0000
                 0.5000          -0.0000
```