```
>> [S]=[30, 20, -20; 20, 10, -10; -20, -10, 0]
```

S = Stress tensor

$$\begin{array}{ccccc} 30 & 20 & -20 \\ 20 & 10 & -10 \\ -20 & -10 & 0 \end{array}$$

 ${
m VS}$ = Eigen Vectors that give the directions of the Principal Stresses

VD = Eigen values that are the Principal stresses for the given state of stress

>>

The maximum shear stress is 30.96MPa. This stress is in the xz plane with normal stresses in the x' and z' directions of 20.96MPa.