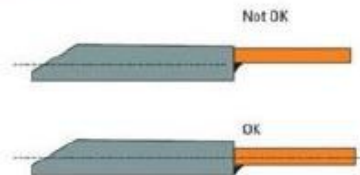


between 2016 - 2017

6/19/2021

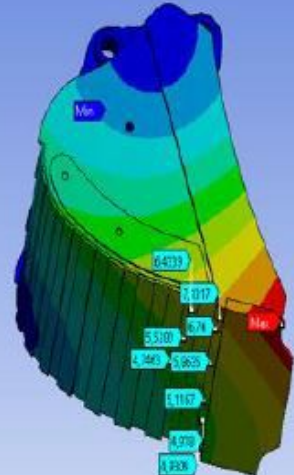


FIGURE 12



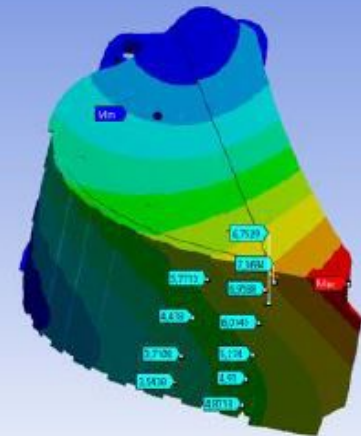
Bi Static Structural  
Total Deformation  
Type: Total Deformation  
Unit: mm  
Time: 1  
11.4.2017 09:10

9.4441 Max  
0.1947  
7.3454  
6.1901  
5.1467  
4.1916  
3.1401  
2.0982  
1.0404  
0.4926-5 Min



Bi Static Structural  
Total Deformation  
Type: Total Deformation  
Unit: mm  
Time: 1  
11.4.2017 09:10

9.4441 Max  
0.1947  
7.3454  
6.1901  
5.1467  
4.1916  
3.1401  
2.0982  
1.0404  
0.4926-5 Min



AYNI ŞARTLAR ALTINDA GERİLMELER AYNI BÖLGEDE  
YAKLAŞIK OLARAK AYNI FAKAT UZUN SÜREDE  
KUVVET İLETİMİ SEBEBİYLE YORULMA DAYANIMINI  
ETKİLEYECEKTİR.





A: Static Structural

Equivalent Stress

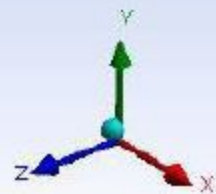
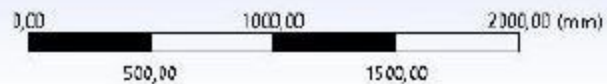
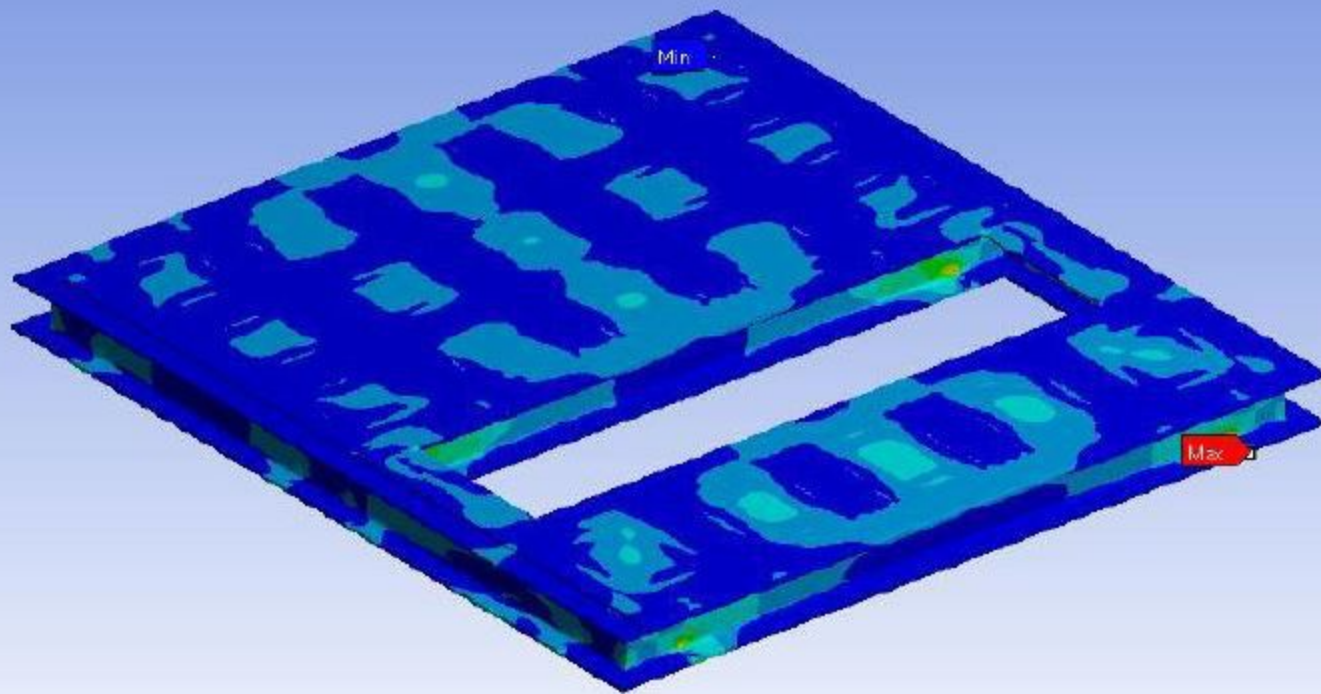
Type: Equivalent (von-Mises) Stress

Unit: MPa

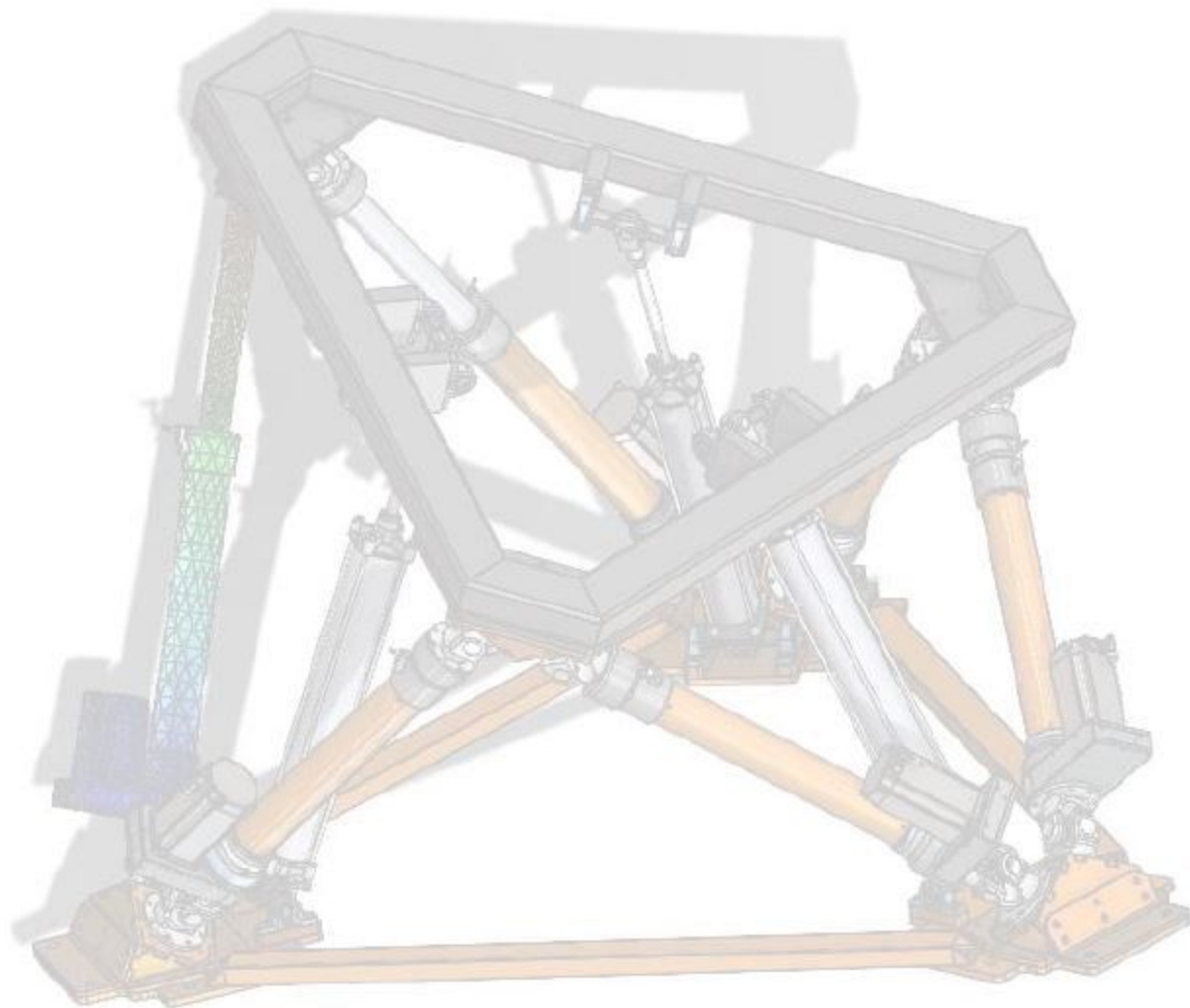
Time: 1

11.01.2020 13:11

ANSYS  
2019 R2



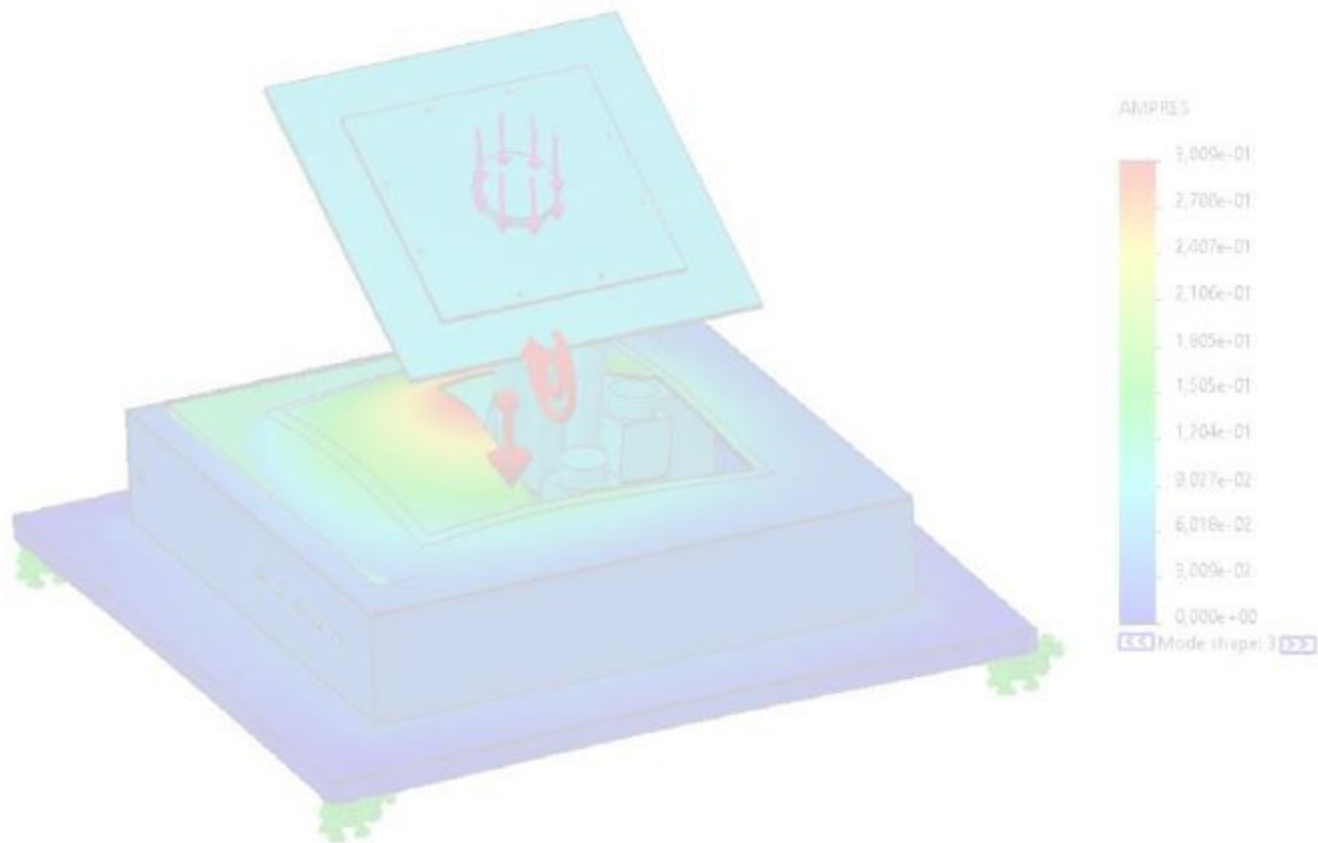
Şekil 10. EŞDEĞER GERİLME (172 MPa))



URES (mm)

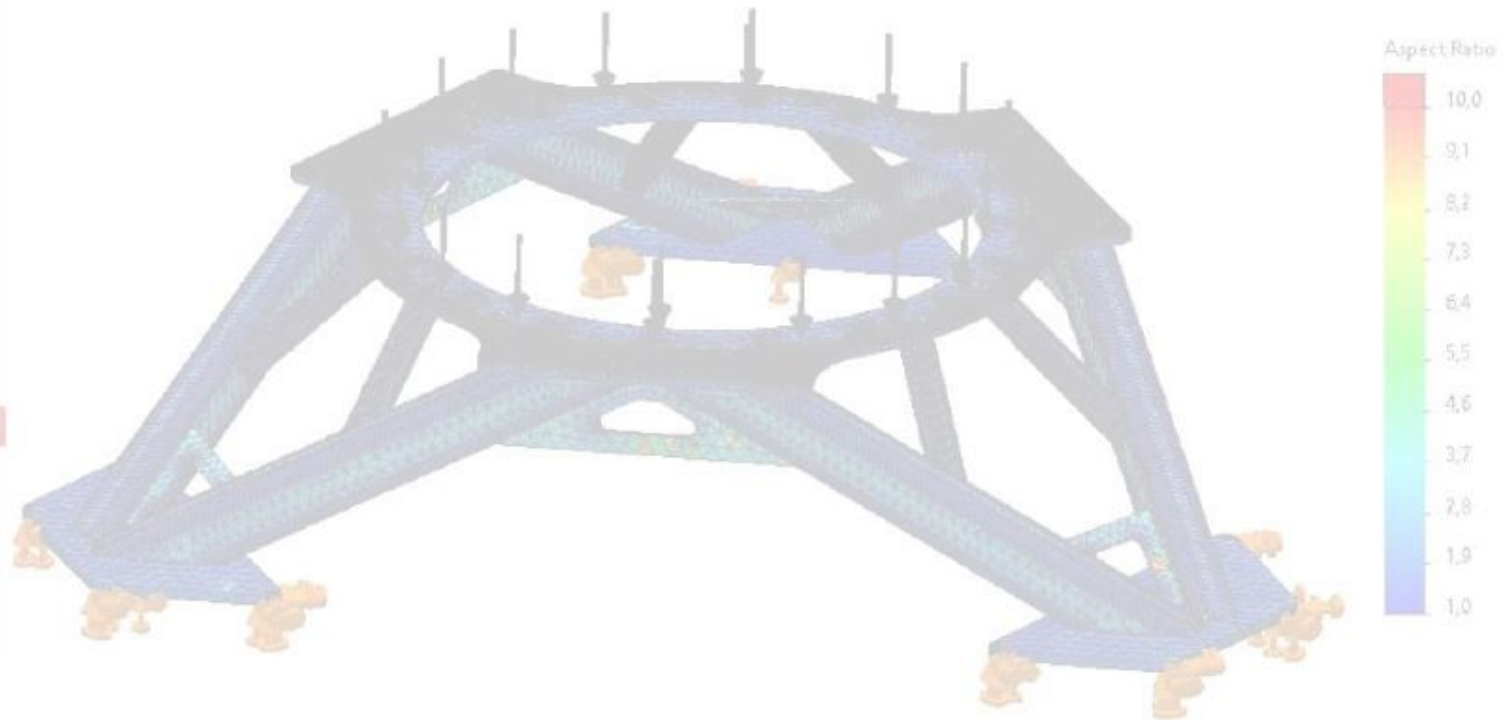


Model name: STATIK-2020-004-SM\_2DOF\_150\_ANALIZ\_MODEL1  
Study name: Frequency 1(-Varsayilan-)  
Plot type: Frequency Amplitude3  
Mode Shape: 3 Value = 27,279 Hz  
Deformation scale: 0,432027



## Mesh Details

Study name	Static 1 (-Varsaylan-)
Mesh type	Solid Mesh
Mesher Used	Blended curvature-based mesh
Jacobian points for High quality mesh	16 points
Mesh Control	Defined
Max Element Size	31.6327 mm
Min Element Size	6.32654 mm
Mesh quality	High
Total nodes	364037
Total elements	183384
Maximum Aspect Ratio	132.56
Percentage of elements with Aspect Ratio < 3	94
Percentage of elements with Aspect Ratio > 10	0.00327
Percentage of distorted elements	0
Number of distorted elements	0
Remesh failed parts with incompatible mesh	Off
Time to complete mesh(hh:mm:ss)	00:02:47
Computer name	SANLABWS01





Max: 0,081

URES (mm)

0,081

0,073

0,065

0,057

0,049

0,041

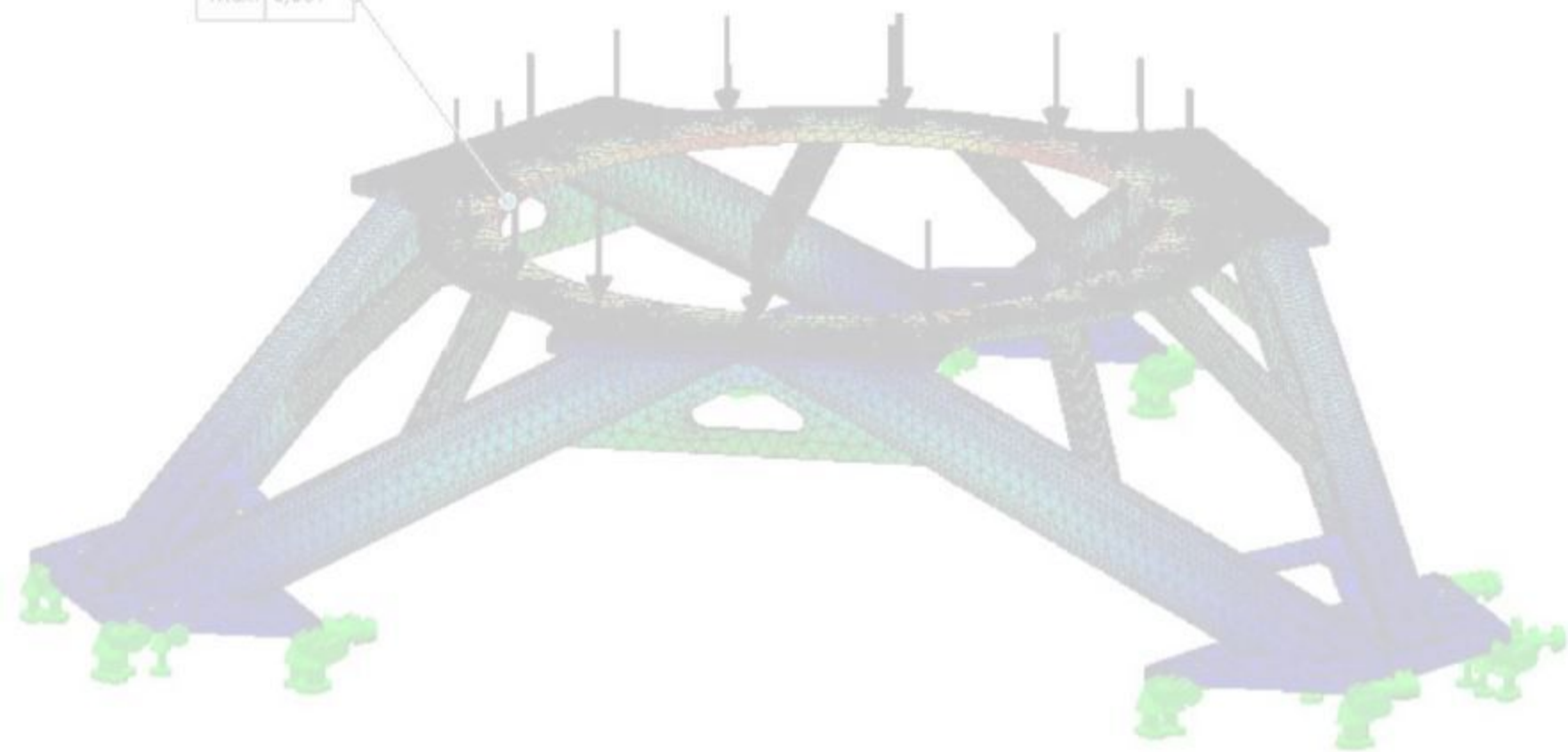
0,033

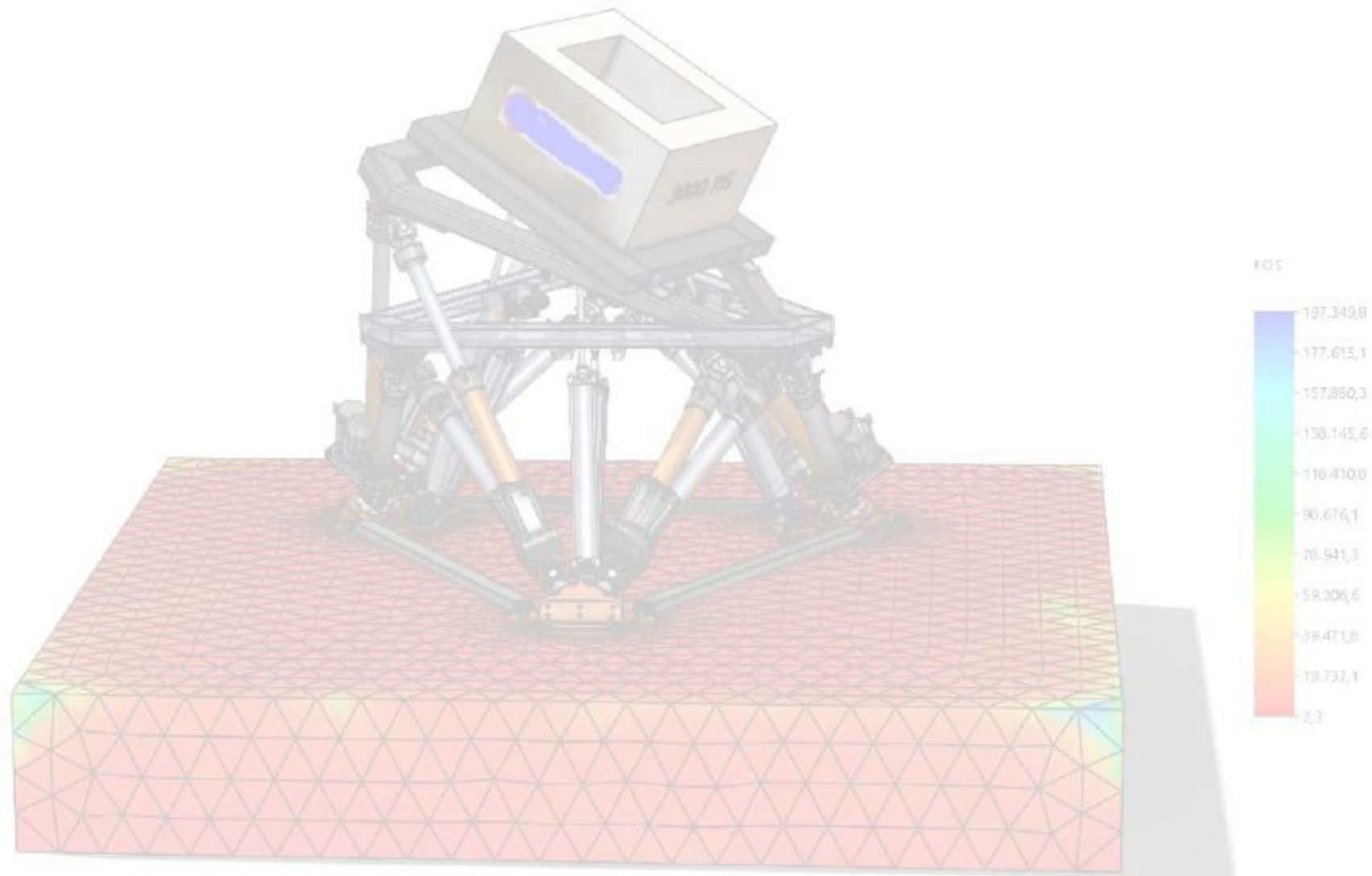
0,024

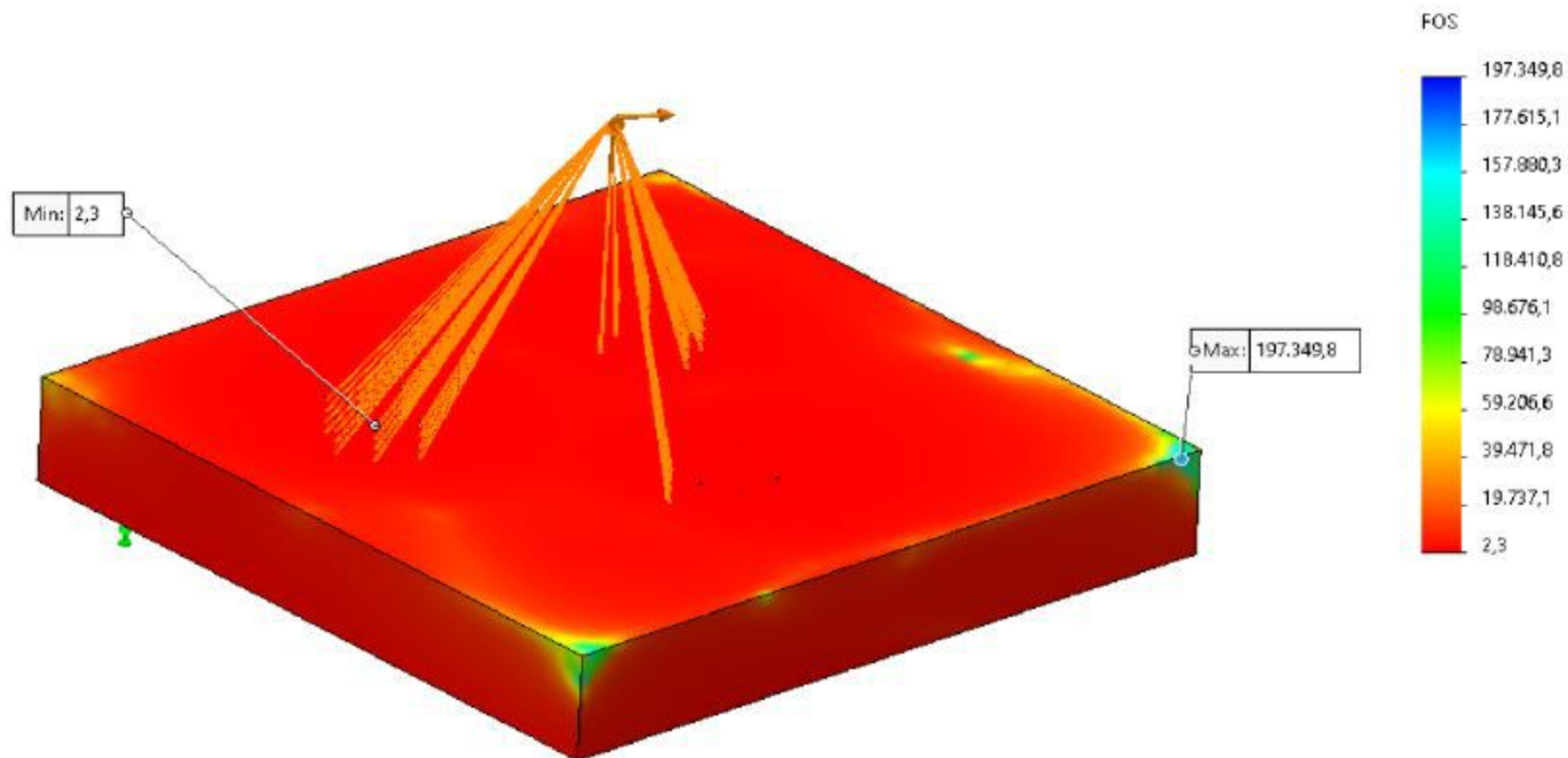
0,016

0,008

0,000

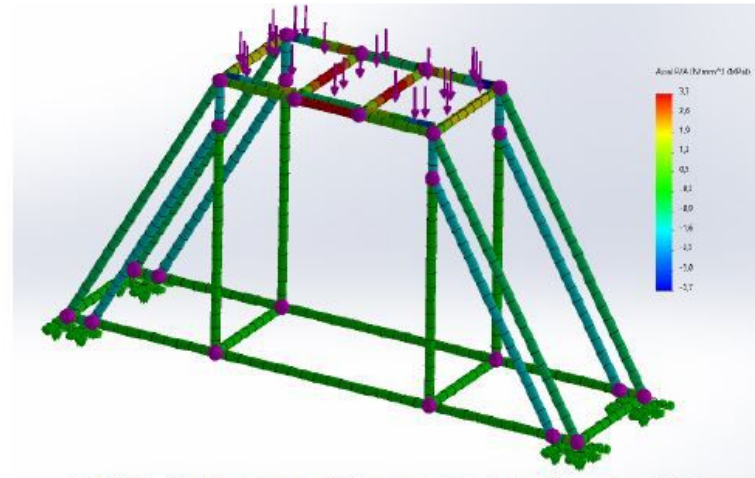
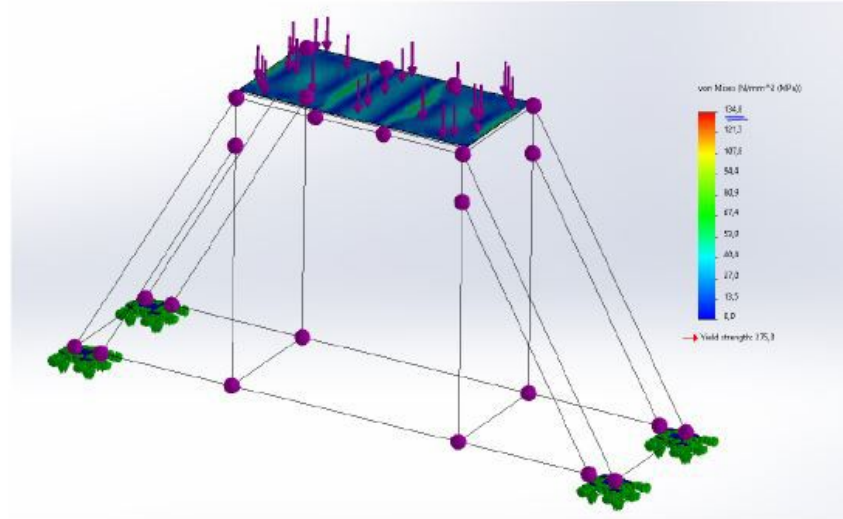
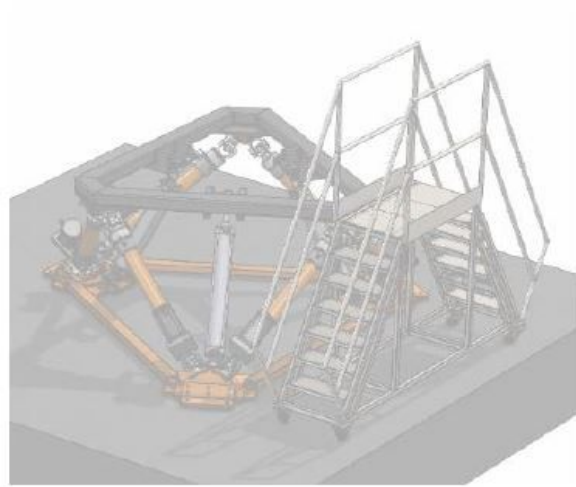






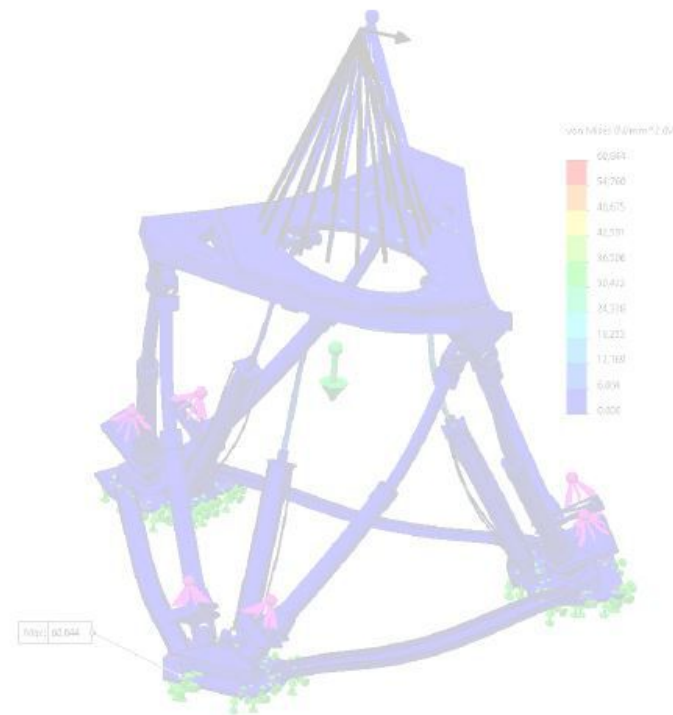
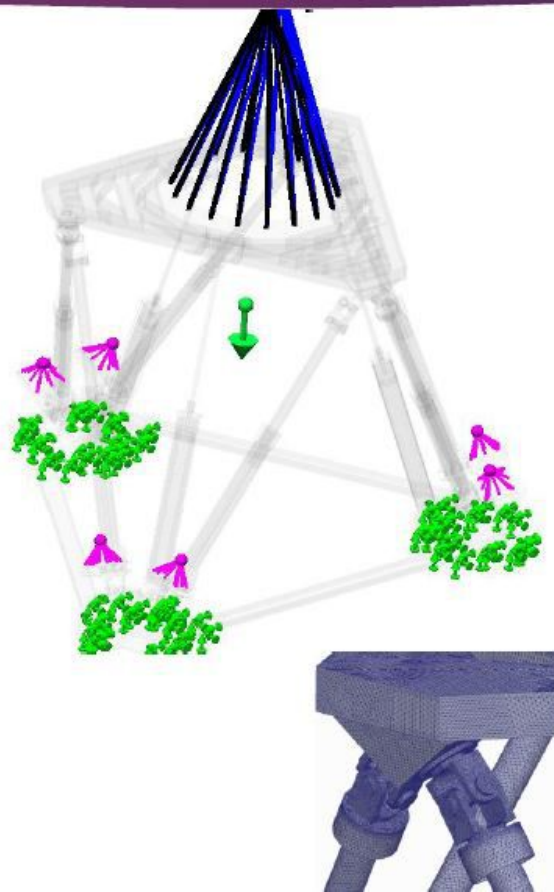
Technical drawing of a circular part showing concentric circles and dimensions. The outermost circle is labeled  $\varnothing 525$ . The middle circle is labeled  $\varnothing 450 \pm 10$ . The innermost circle is labeled  $\varnothing 200 \pm 10$ . The drawing also includes a dimension  $M8 \pm 10$  and a dimension  $\varnothing 525$  pointing to the outermost circle.

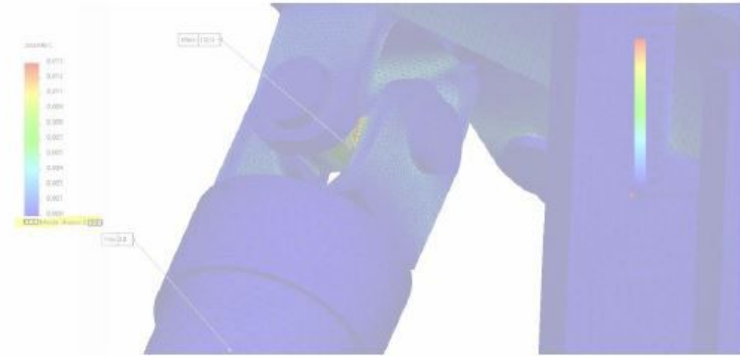
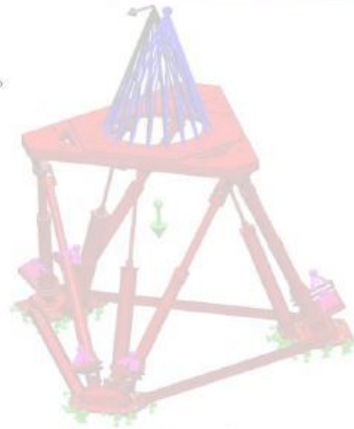
[illegible]



Şekil 4. Merdivenli platform profil dayanımı (300 kg için maks. gerilme 4MPa)







Şekil 6: Yükleme koşulları

