

LAMPIRAN

Lampiran 1. Hasil Konvergensi

Konvergensi pada Rumah Tipe 21

Volume Elemen (mm ³)	Jumlah Elemen	<i>Nodes</i>	<i>Displacement</i> (mm)
200	16.639	34.552	-1,233
195	17.387	36.067	-1,233
190	18.113	37.540	-1,235
185	19.149	39.684	-1,235
180	20.047	41.526	-1,238
175	21.320	44.083	-1,236
150	28.930	59.455	-1,242
145	30.842	63.307	-1,241
140	32.875	67.437	-1,244
135	35.622	72.978	-1,244
130	38.248	78.258	-1,246
125	40.615	83.074	-1,246
120	43.910	89.736	-1,247
115	48.150	98.316	-1,247

Lampiran 2. Hasil *Displacement* dan Tegangan *von Mises**Displacement* dan Tegangan *von Mises* Rumah Tipe 21

	<i>Displacement</i> (mm)	Tegangan (MPa)
Arah X		
A	-1,564	3,19
B	-1,247	3,19
Arah Y		
C	-1,799	3,89
D	-1,697	4

Displacement dan Tegangan *von Mises* Rumah Tipe 36

	<i>Displacement</i> (mm)	Tegangan (MPa)
Arah X		
A	-1.675	3.9
B	-1.24	3.4
Arah Y		
C	-2.292	7.44
D	-1.617	3.19

Displacement dan Tegangan *von Mises* Rumah Tipe 45

	<i>Displacement</i> (mm)	Tegangan (MPa)
Arah X		
A	-1,649	4,1
B	-2,616	4,81
Arah Y		
C	-1,818	3,71
D	-8,132	19,3

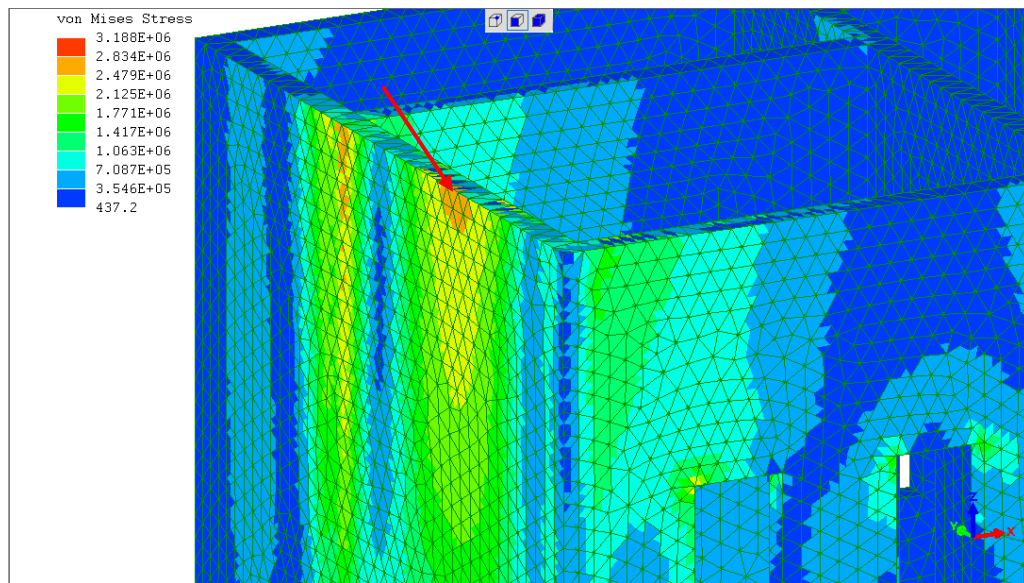
Displacement dan Tegangan *von Mises* Rumah Tipe 50

	<i>Displacement</i> (mm)	Tegangan (MPa)
Arah X		
A	-3,738	4,44
B	-5,552	4,86
Arah Y		
C	-5,222	4,99
D	-3,375	8,95

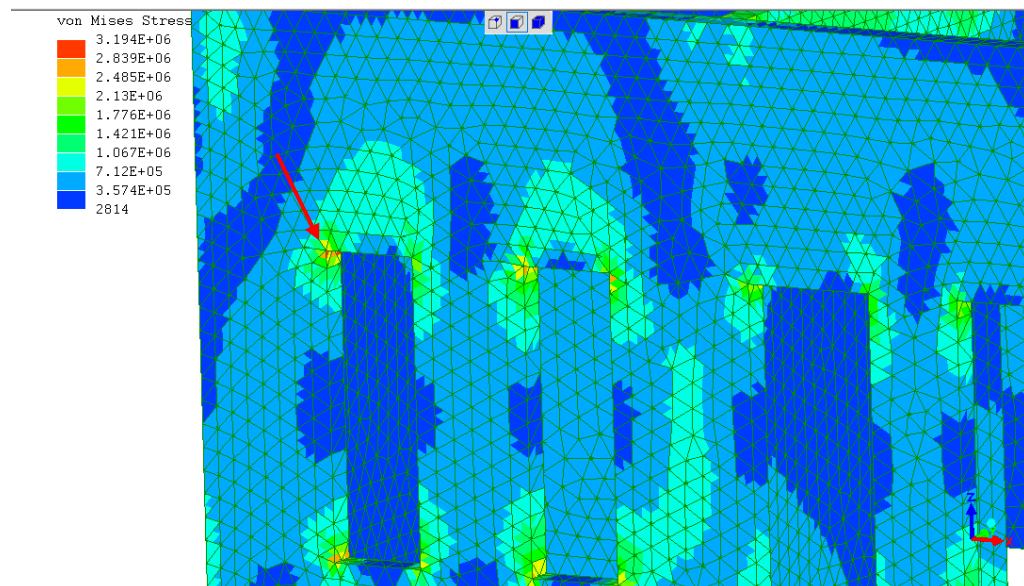
Lampiran 3. Distribusi Tegangan

Distribusi Tegangan pada Rumah Tipe 21

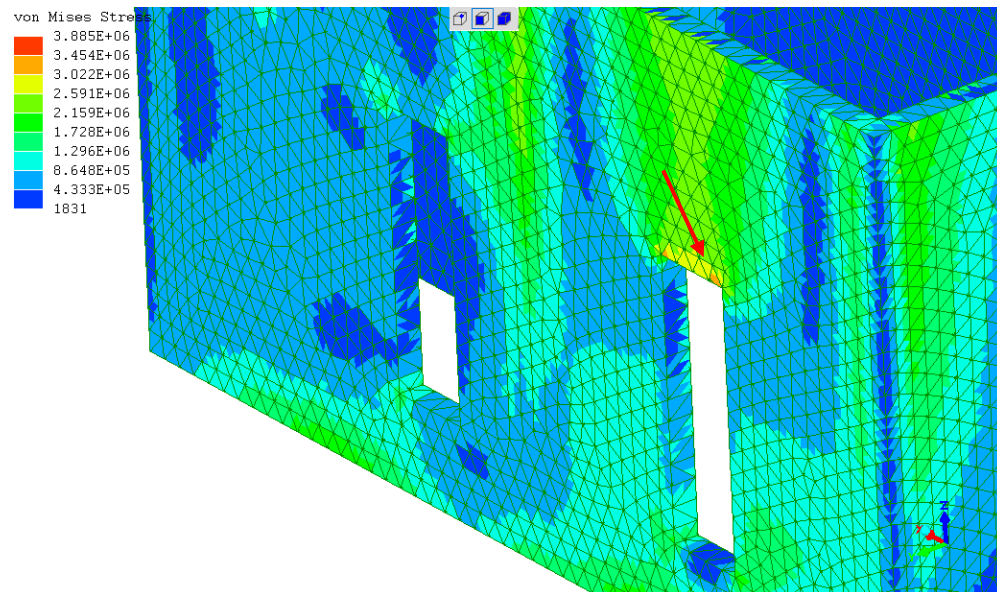
1. Arah X, sisi A



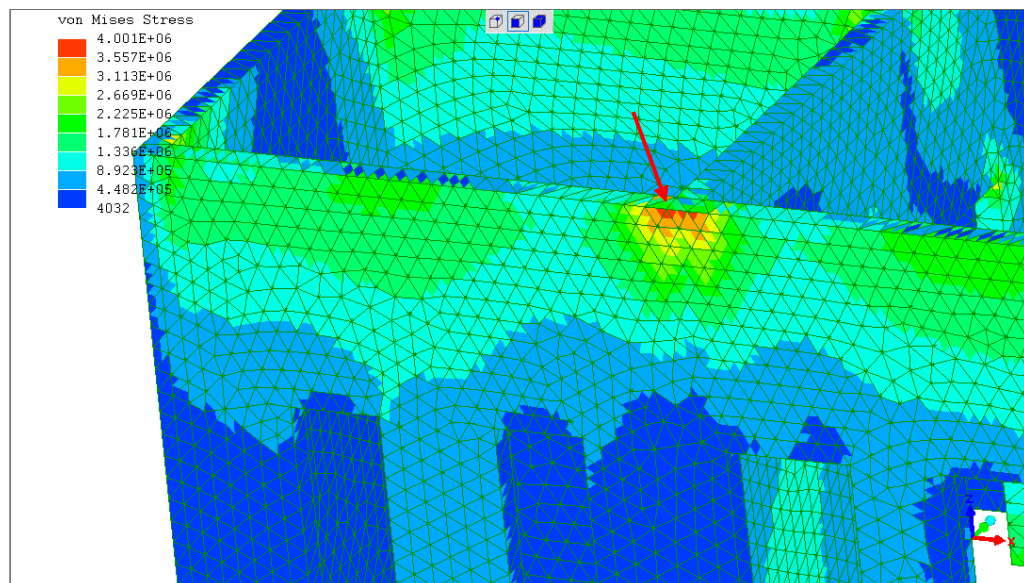
2. Arah X, sisi B



3. Arah Y, sisi C

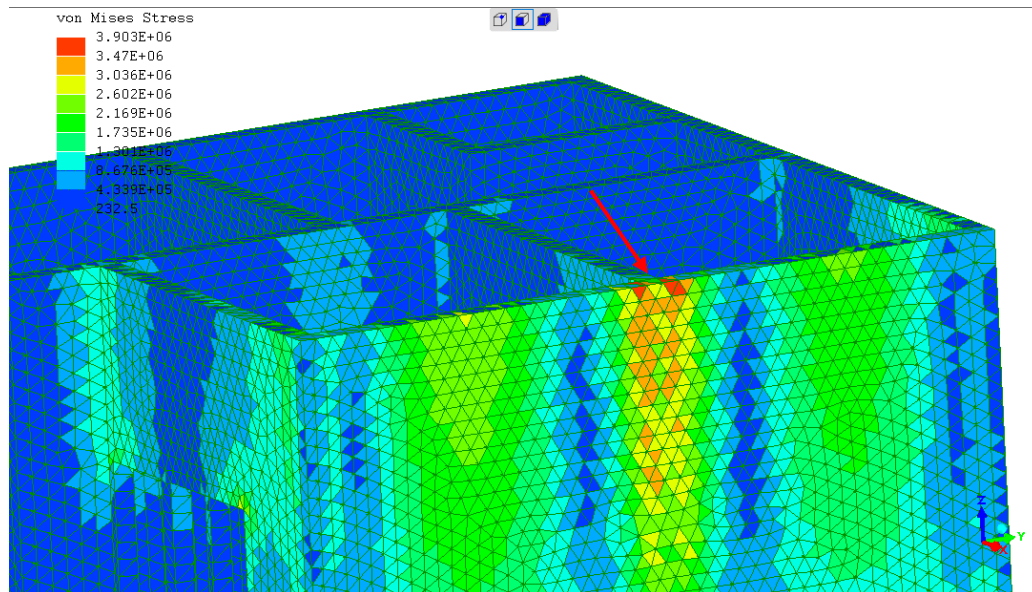


4. Arah Y, sisi D

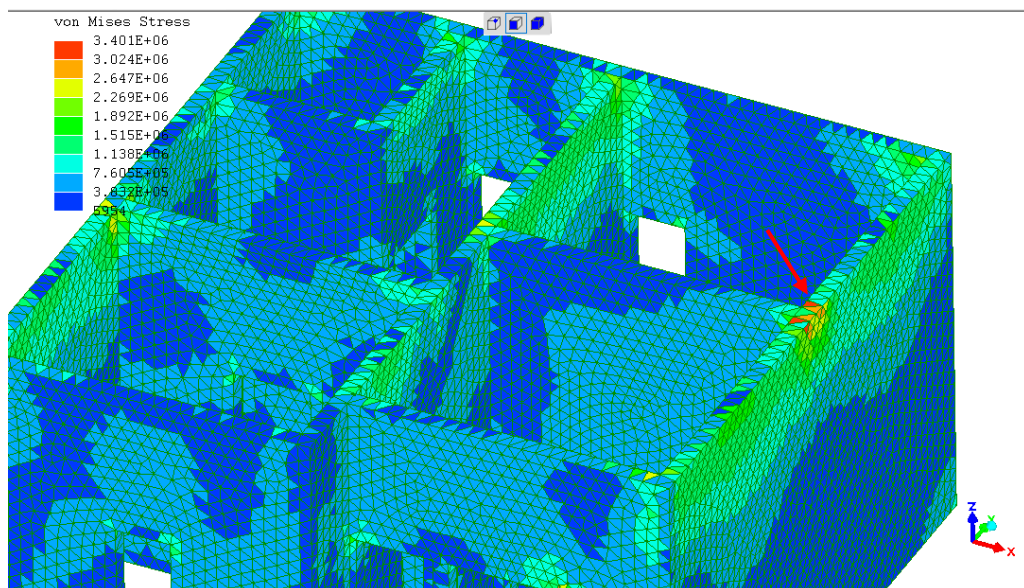


Distribusi Tegangan pada Rumah Tipe 36

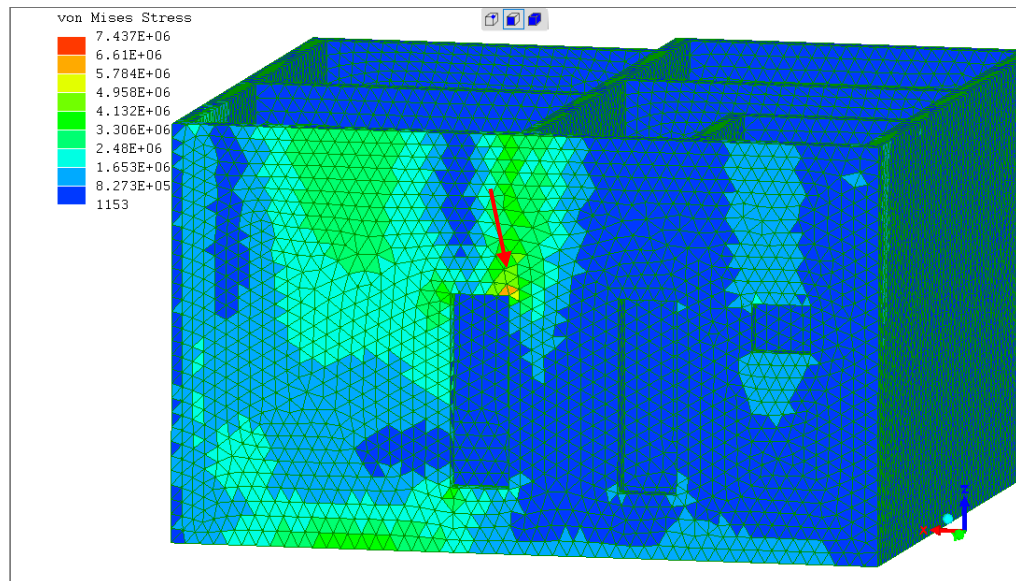
1. Arah X, sisi A



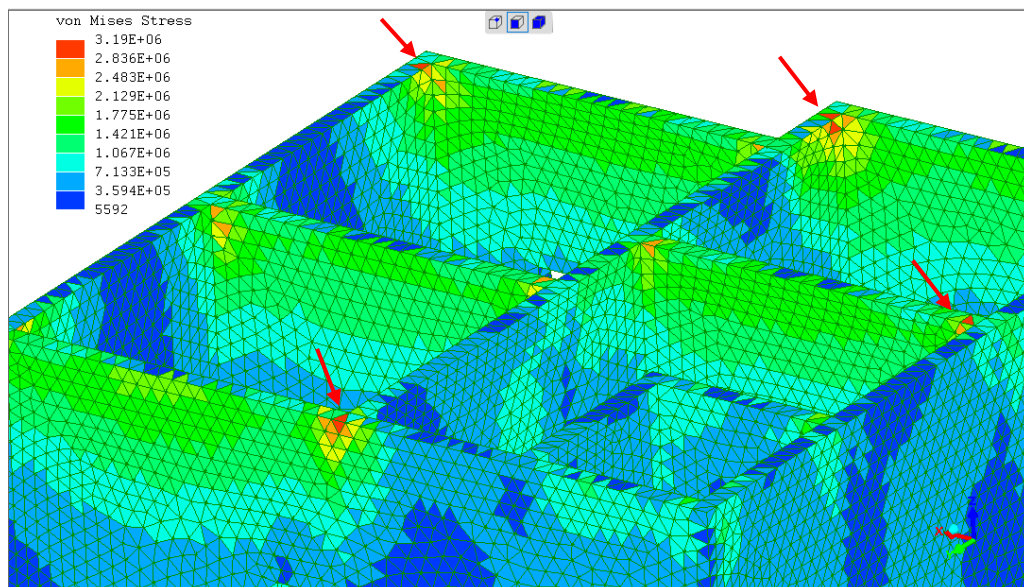
2. Arah X, sisi B



3. Arah Y, sisi C

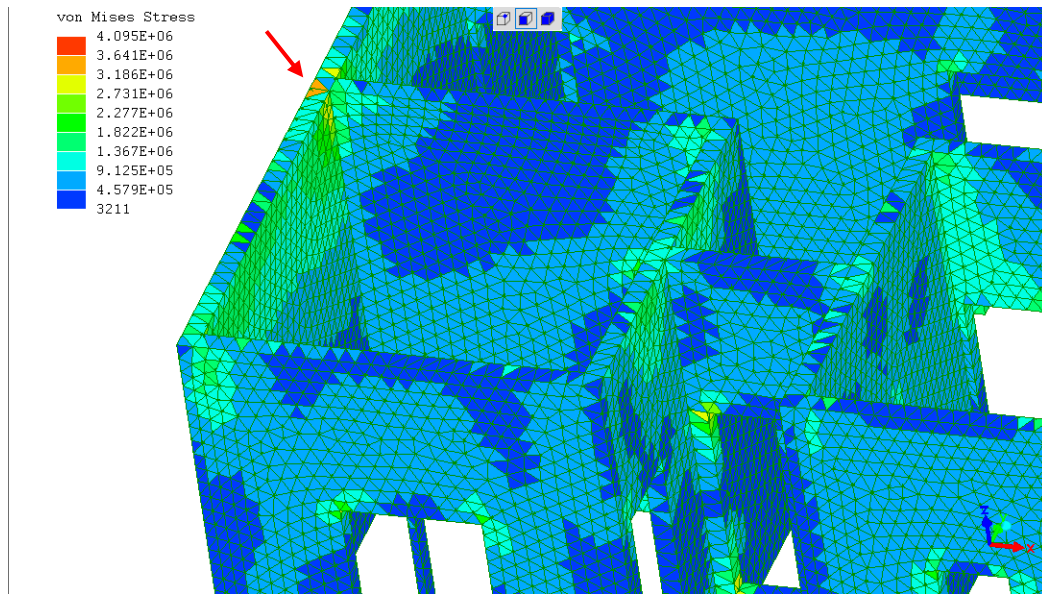


4. Arah Y, sisi D

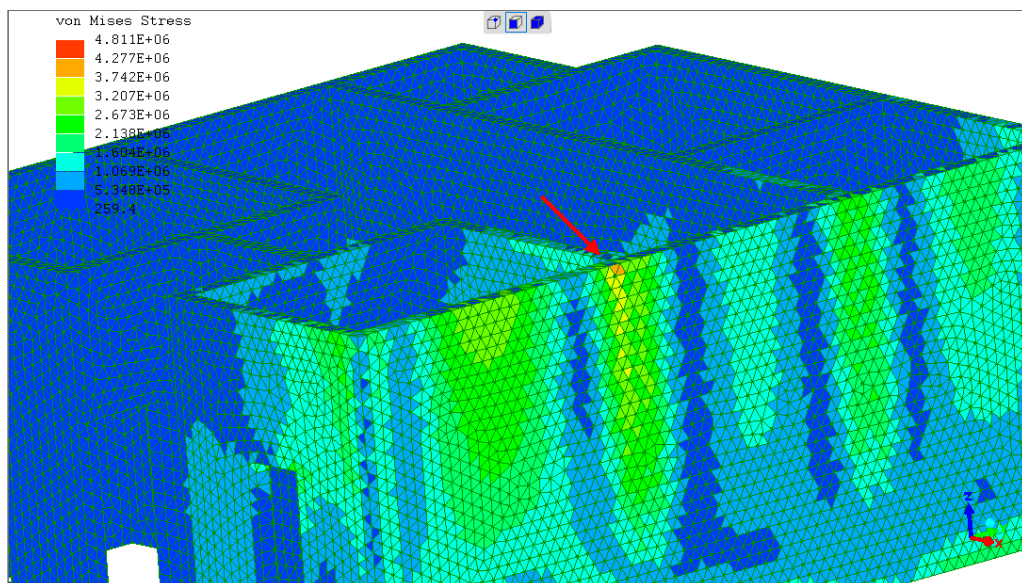


Distribusi Tegangan pada Rumah Tipe 45

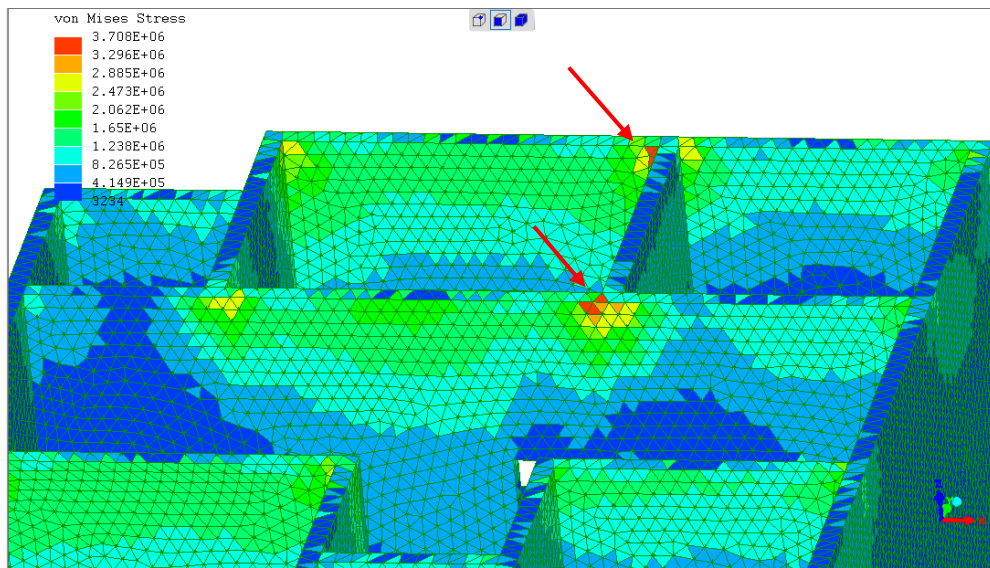
1. Arah X, sisi A



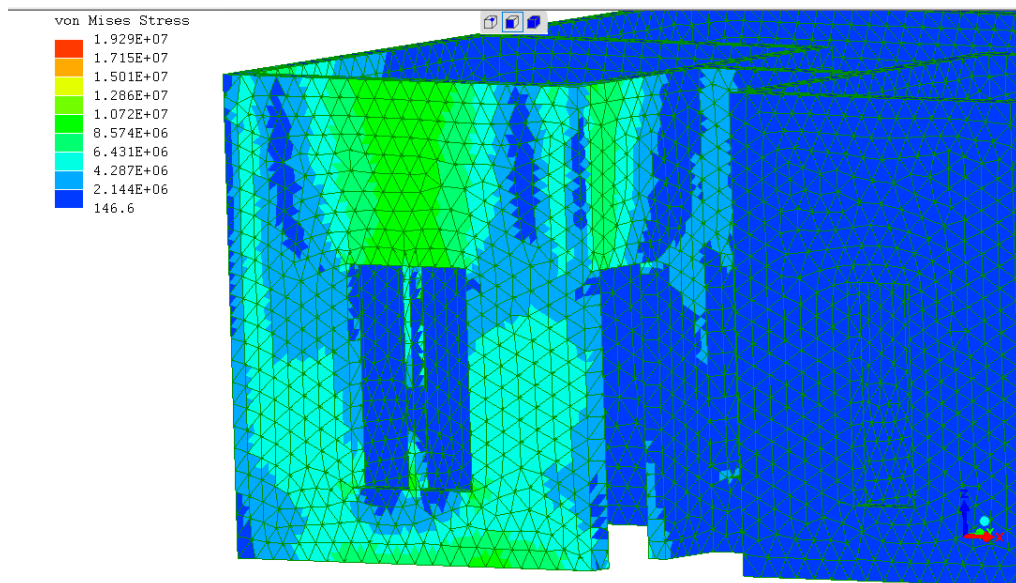
2. Arah X, sisi B



3. Arah Y, sisi C

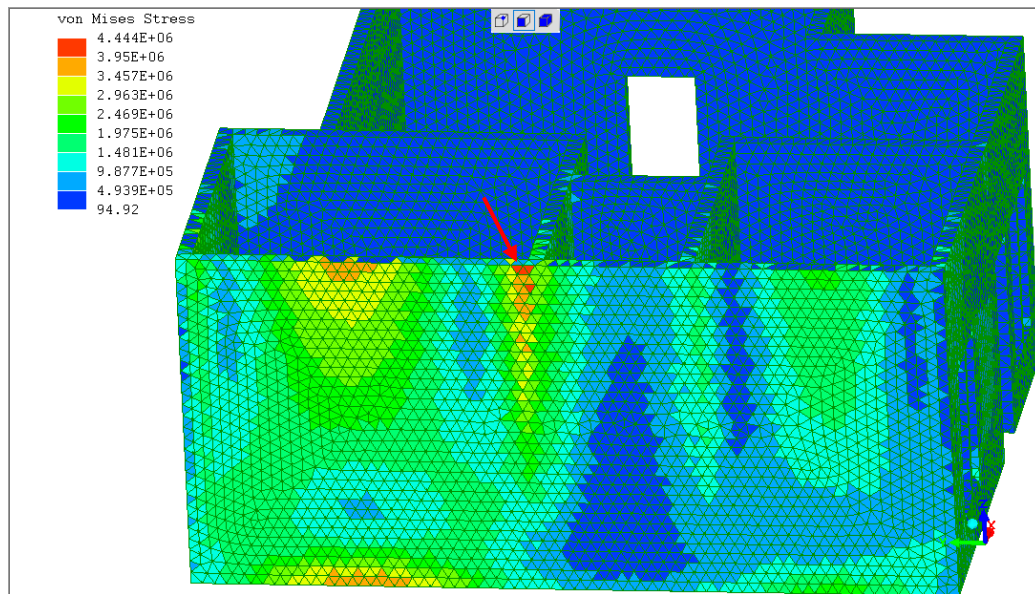


4. Arah Y, sisi D

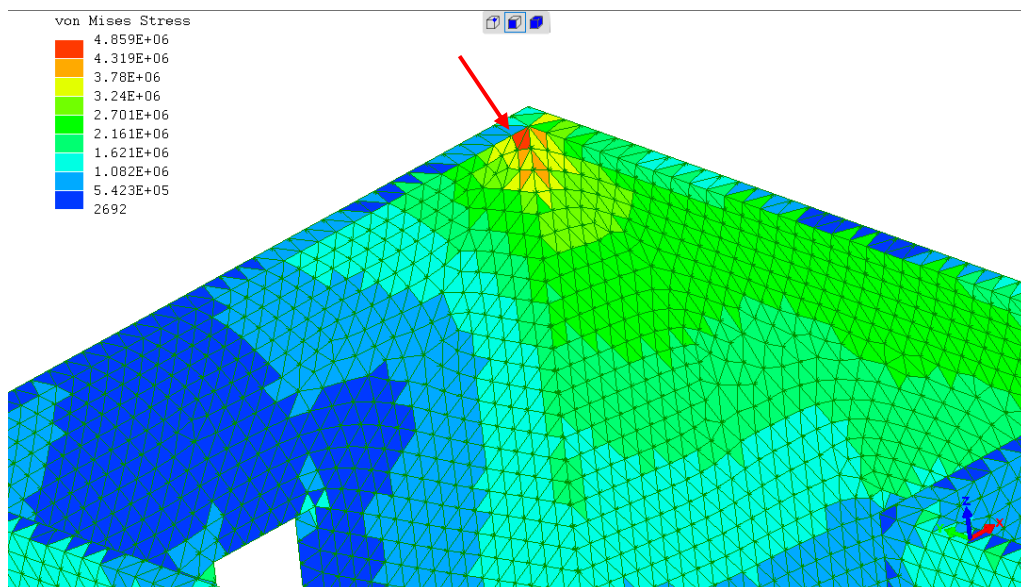


Distribusi Tegangan pada Rumah Tipe 50

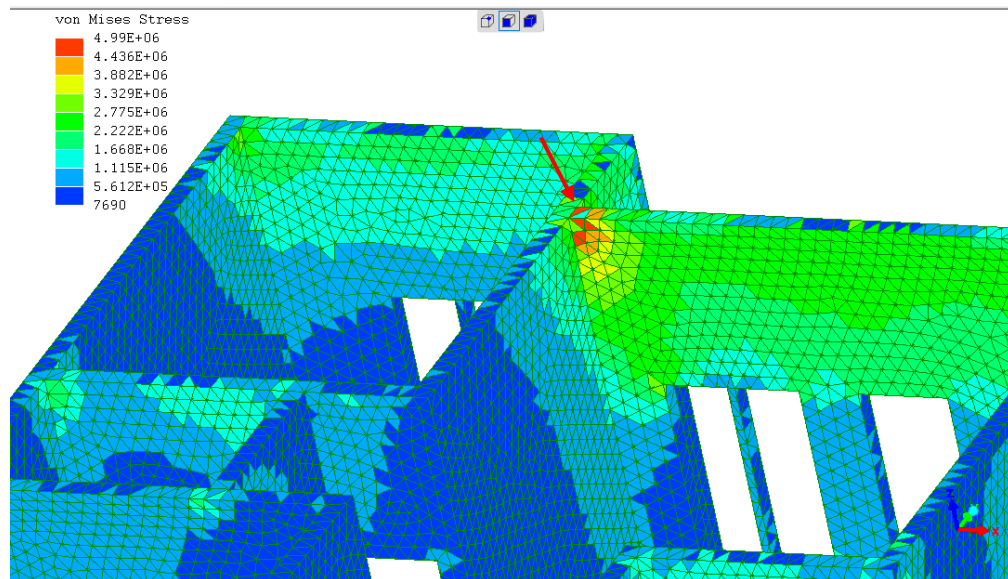
1. Arah X, sisi A



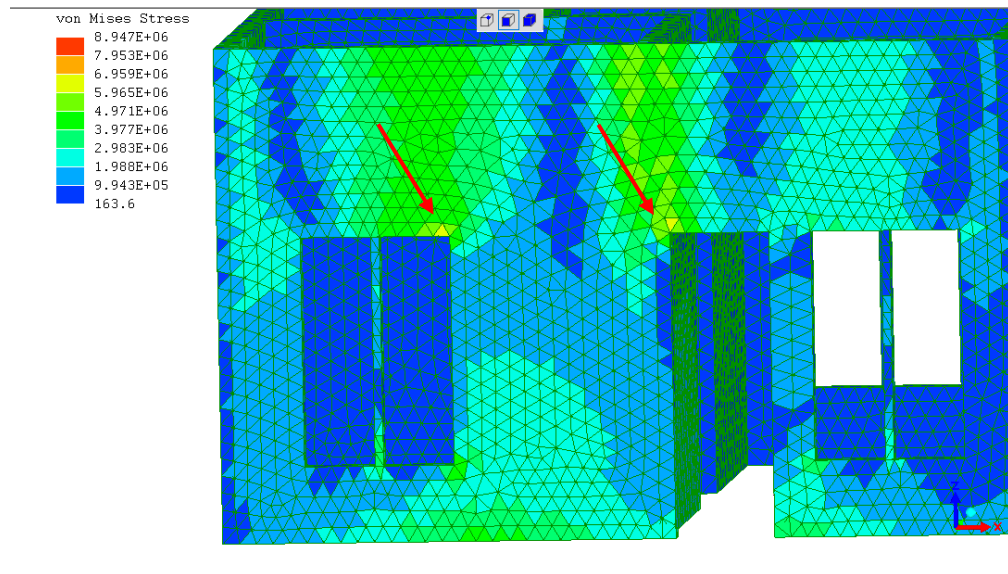
2. Arah X, sisi B



3. Arah Y, sisi C



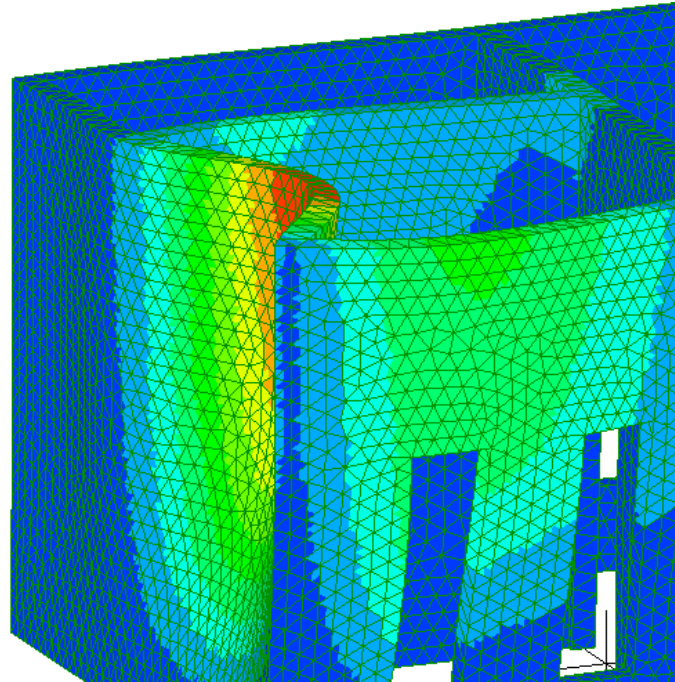
4. Arah Y, sisi D



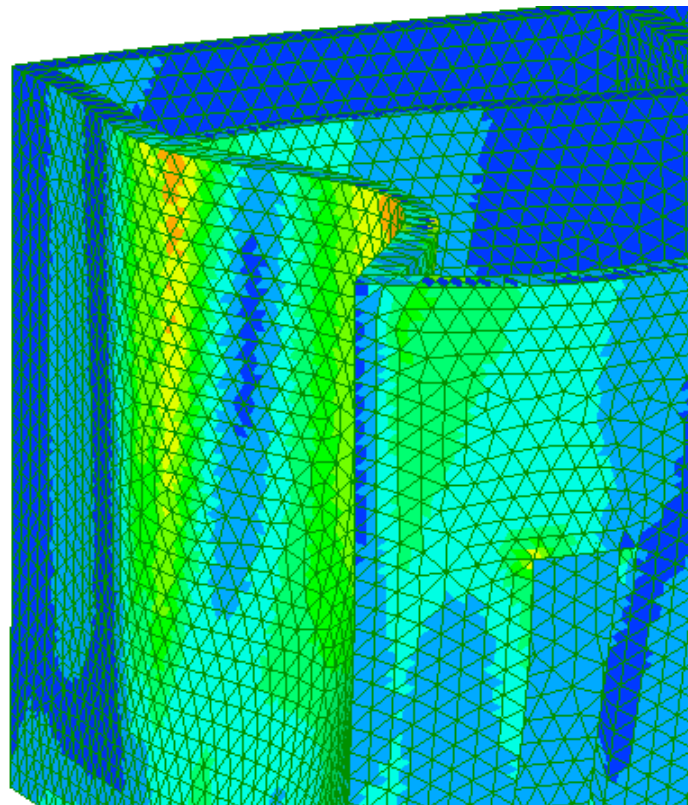
Lampiran 4. Tampilan Cacat pada Bangunan

Rumah Tipe 21 Arah X, Sisi A

1. Berdasarkan *Displacement*

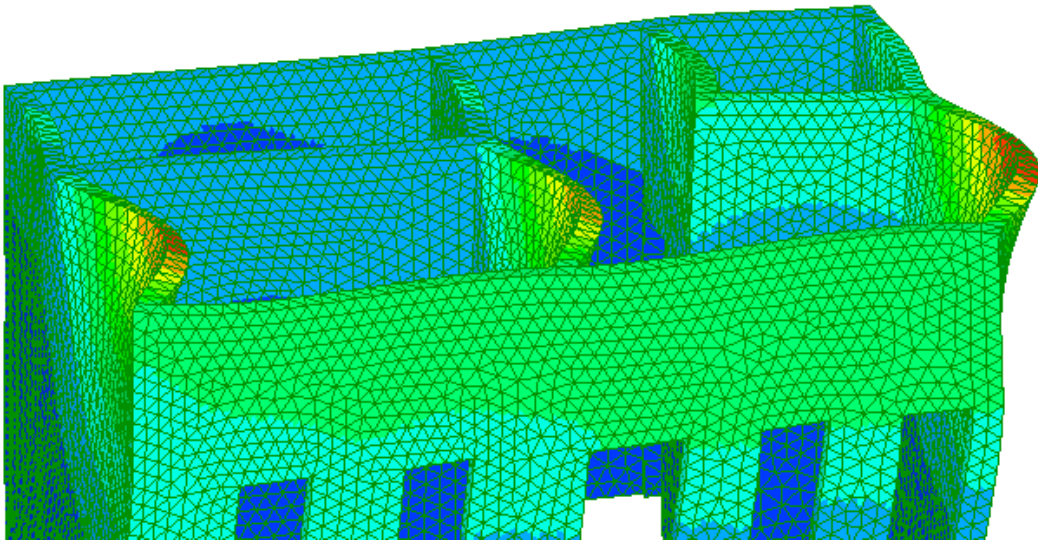


2. Berdasarkan Tegangan

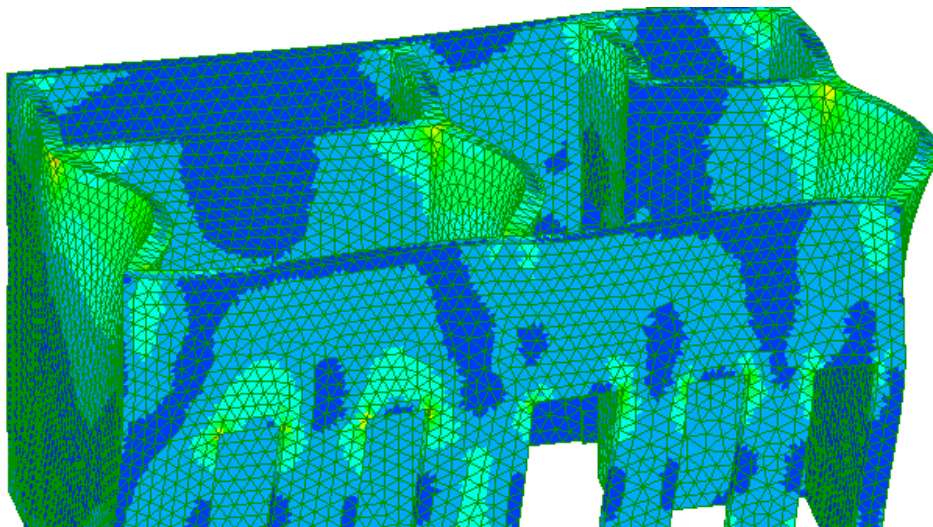


Rumah Tipe 21 Arah X, Sisi B

1. Berdasarkan *Displacement*

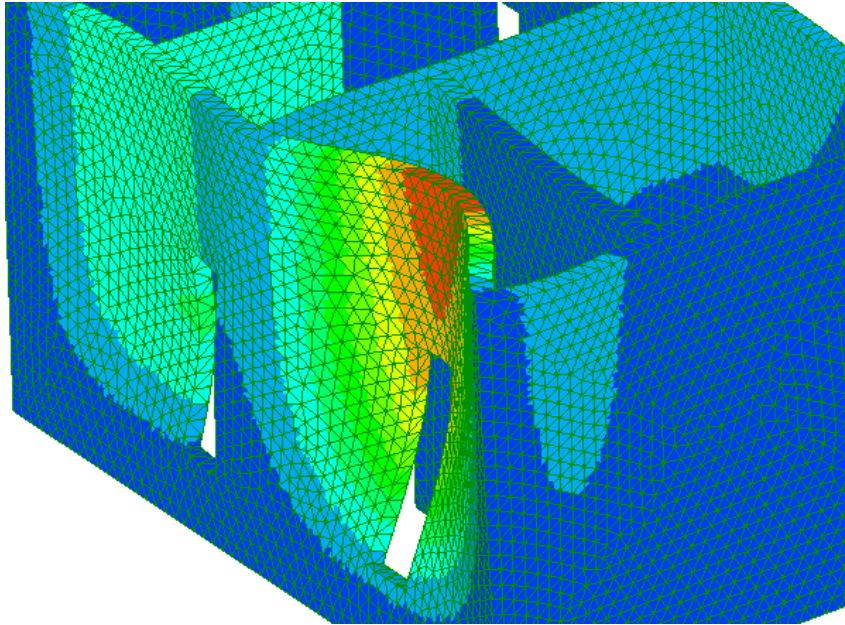


2. Berdasarkan Tegangan

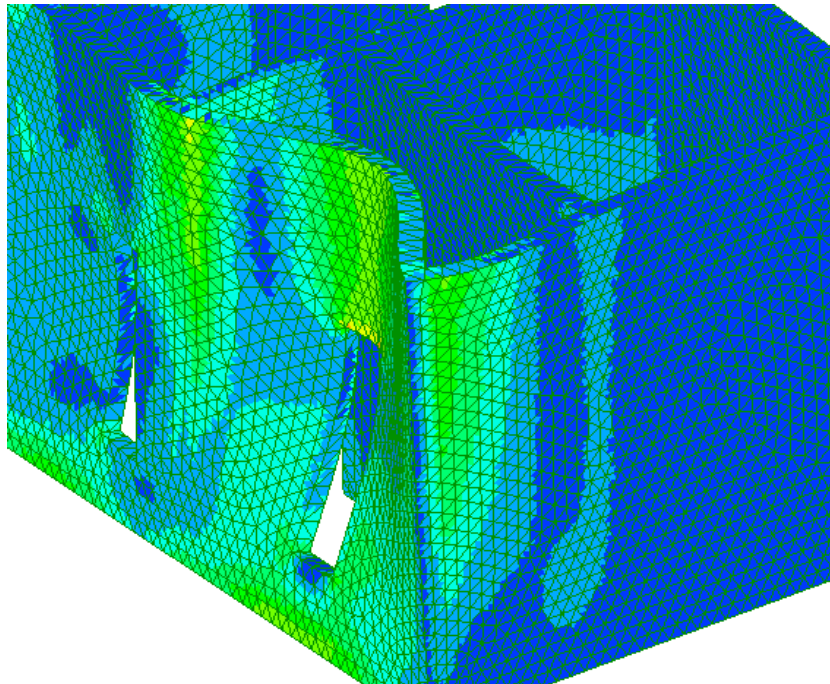


Rumah Tipe 21 Arah Y, Sisi C

1. Berdasarkan *Displacement*

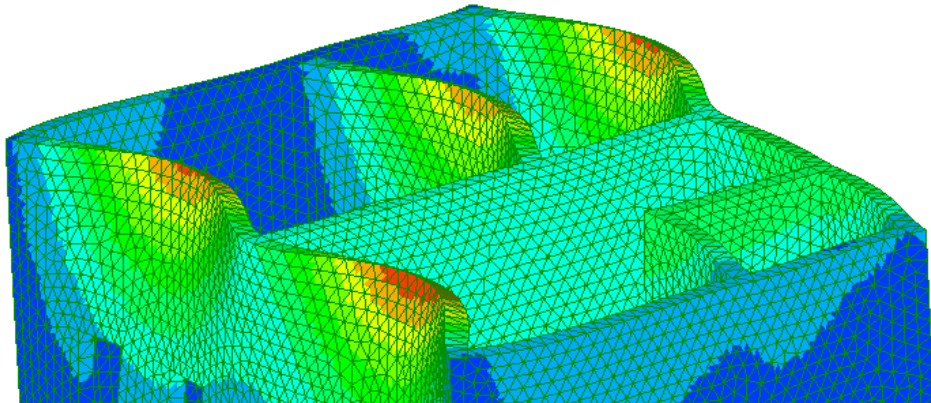


2. Berdasarkan Tegangan

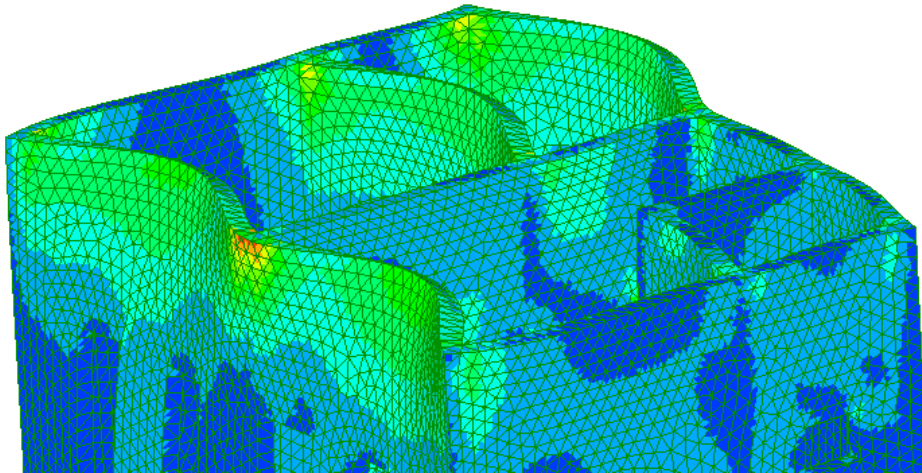


Rumah Tipe 21 Arah Y, Sisi D

1. Berdasarkan *Displacement*

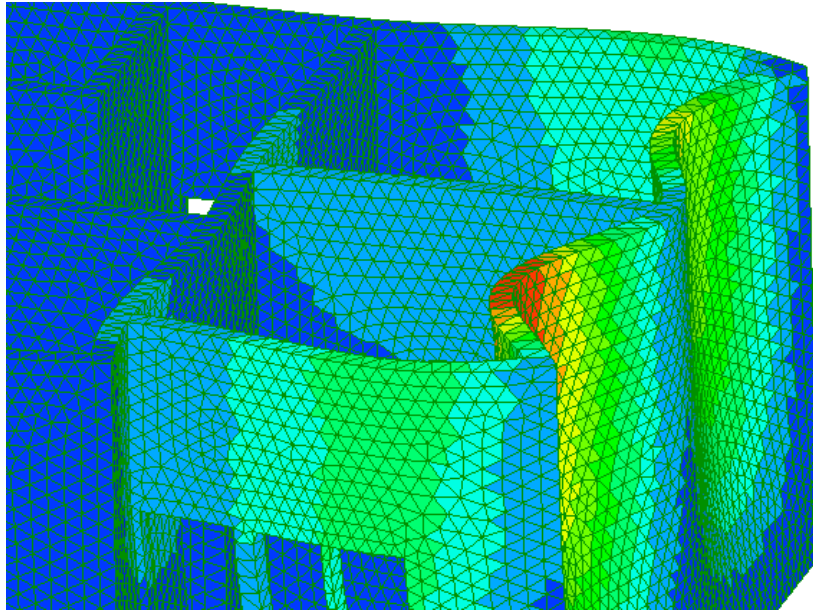


2. Berdasarkan Tegangan

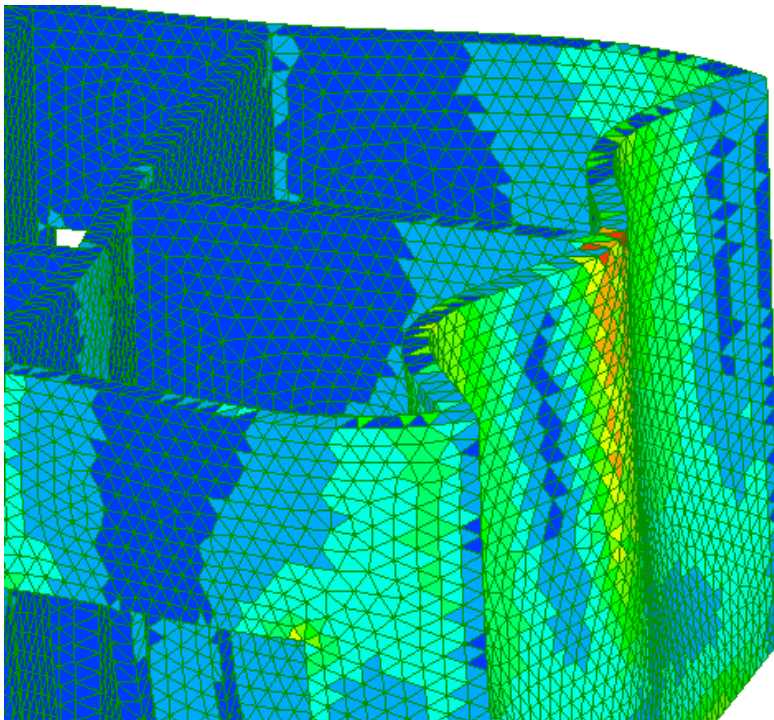


Rumah Tipe 36 Arah X, Sisi A

1. Berdasarkan *Displacement*

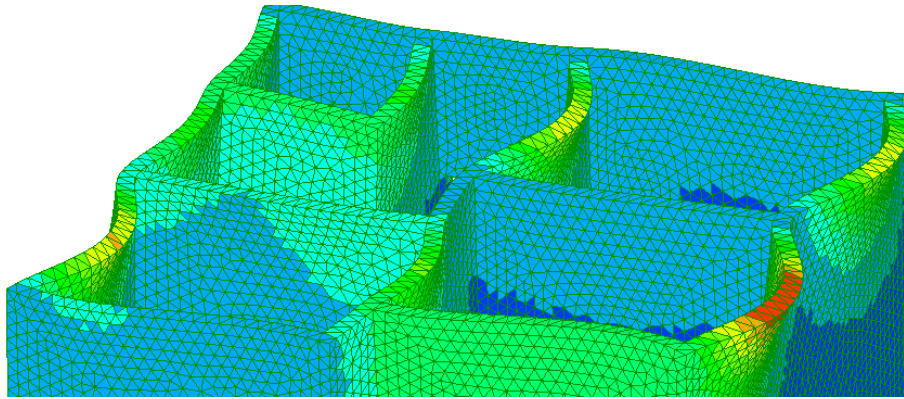


2. Berdasarkan Tegangan

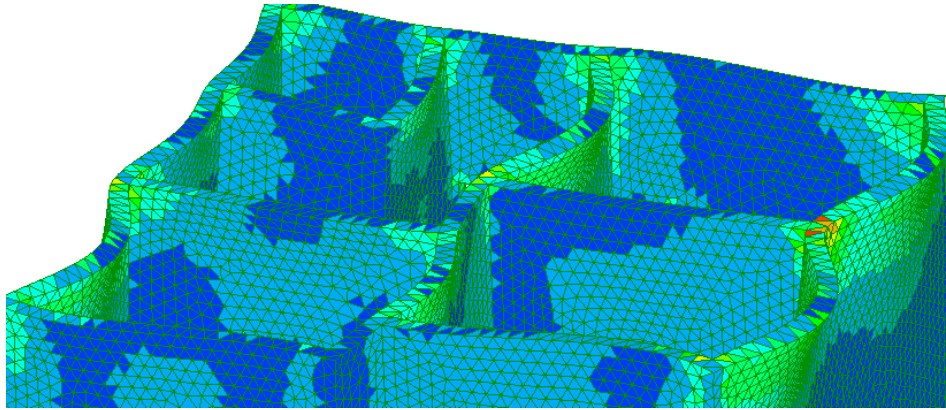


Rumah Tipe 36 Arah X, Sisi B

1. Berdasarkan *Displacement*

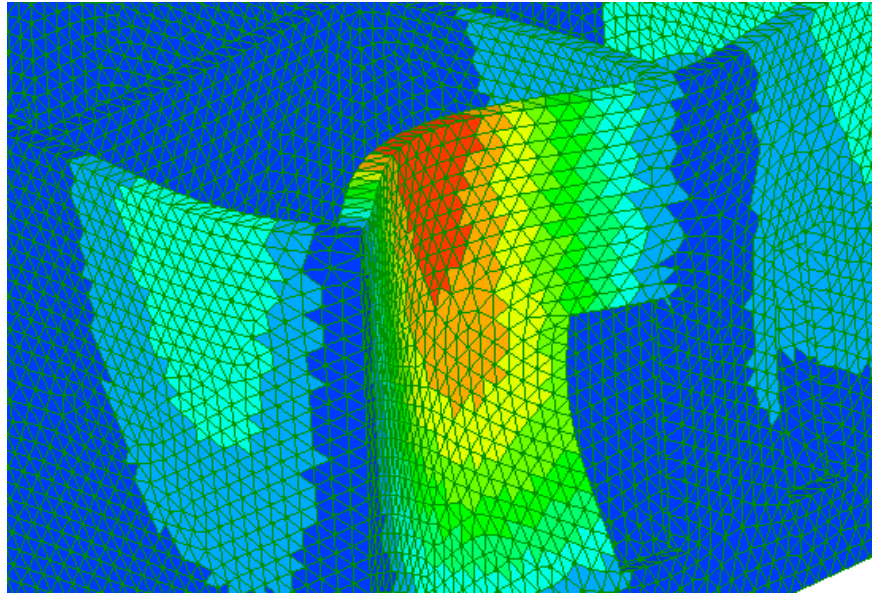


2. Berdasarkan Tegangan

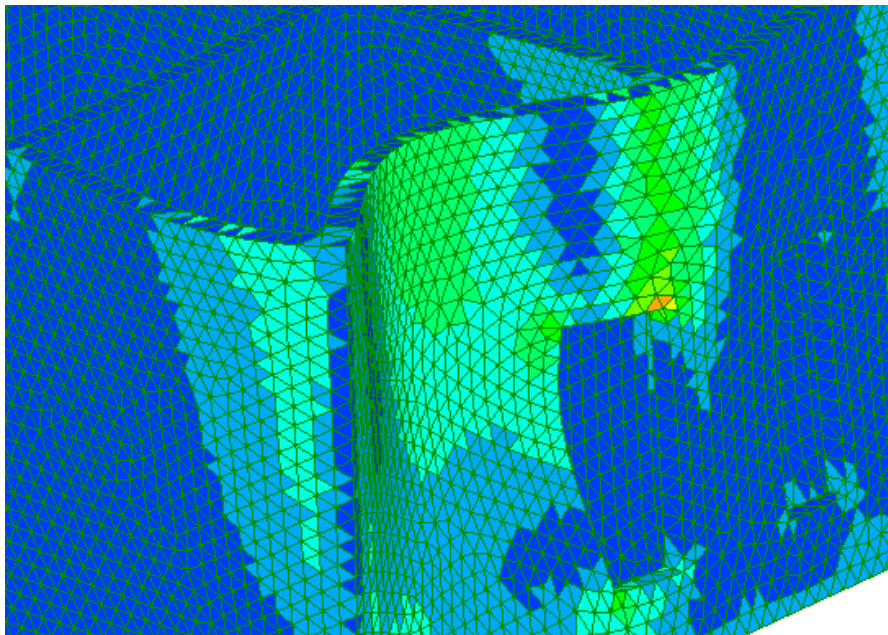


Rumah Tipe 36 Arah Y, Sisi C

1. Berdasarkan *Displacement*

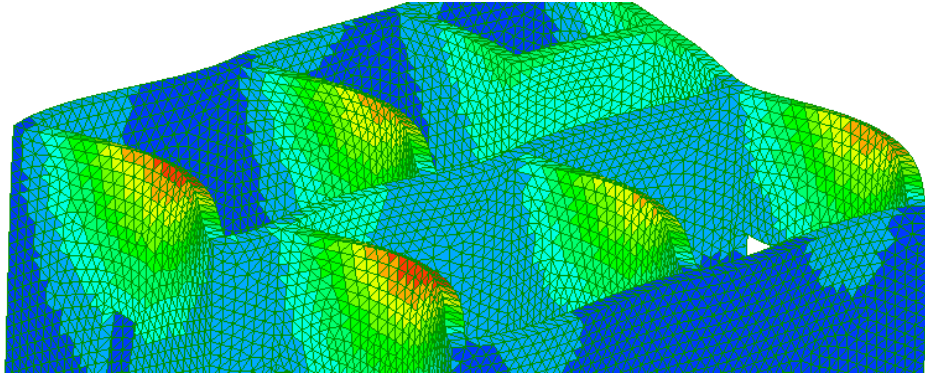


2. Berdasarkan Tegangan

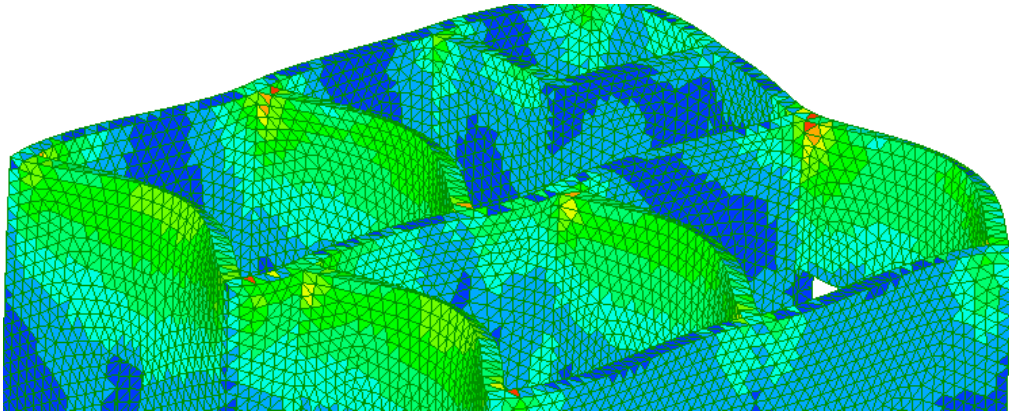


Rumah Tipe 36 Arah Y, Sisi D

1. Berdasarkan *Displacement*

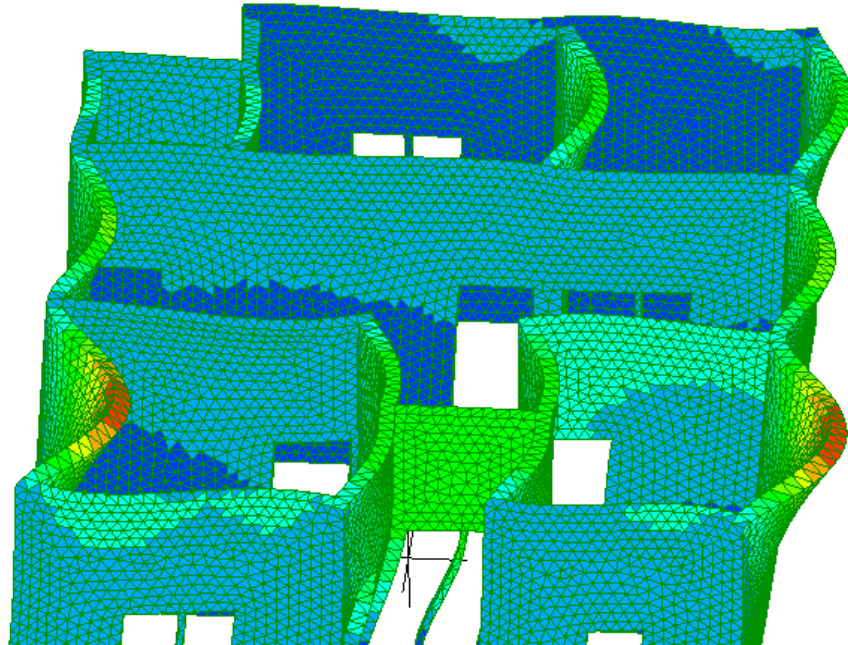


2. Berdasarkan Tegangan

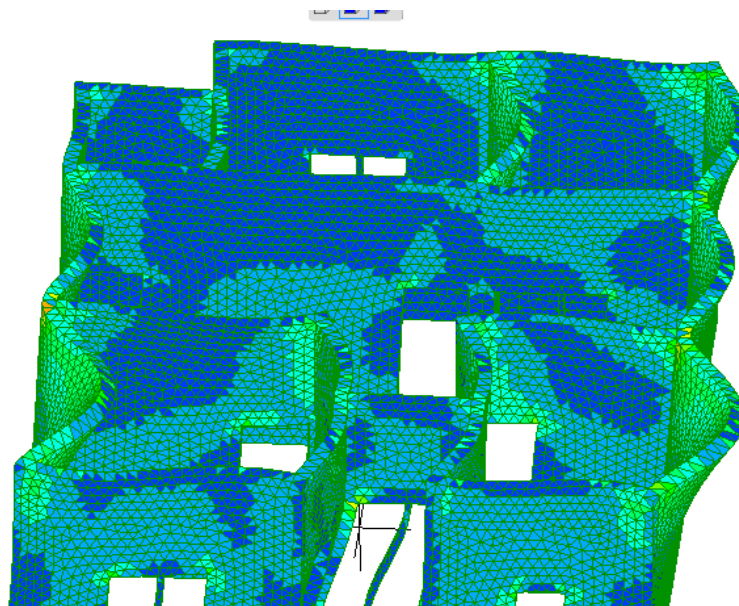


Rumah Tipe 45 Arah X, Sisi A

1. Berdasarkan *Displacement*

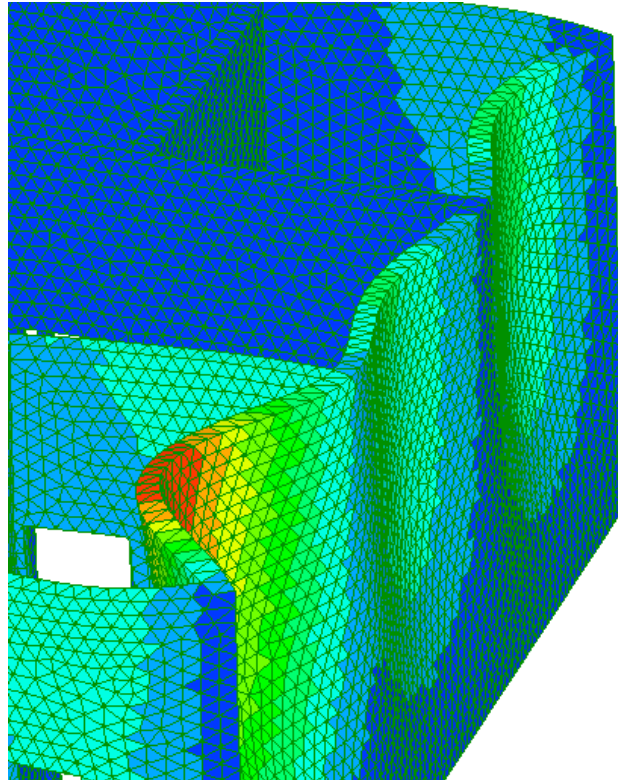


2. Berdasarkan Tegangan

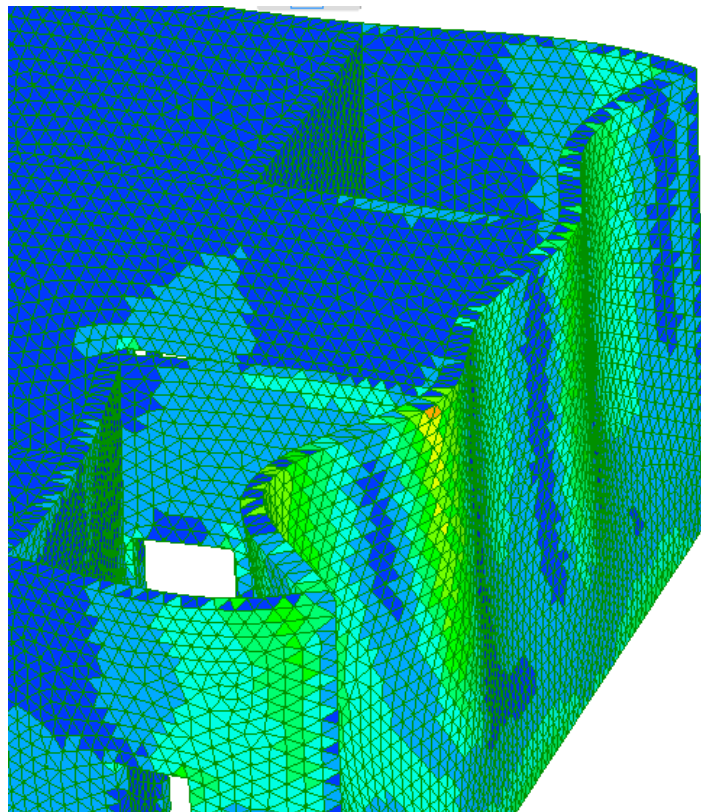


Rumah Tipe 45 Arah X, Sisi B

1. Berdasarkan *Displacement*

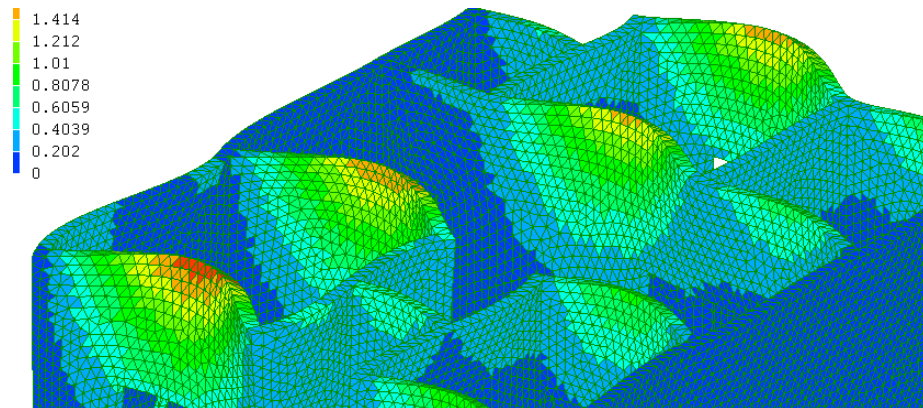


2. Berdasarkan Tegangan

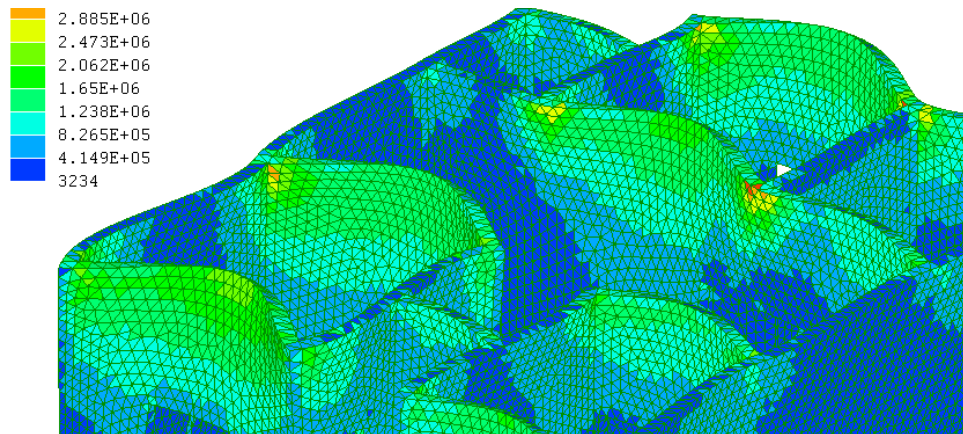


Rumah Tipe 45 Arah Y, Sisi C

1. Berdasarkan *Displacement*

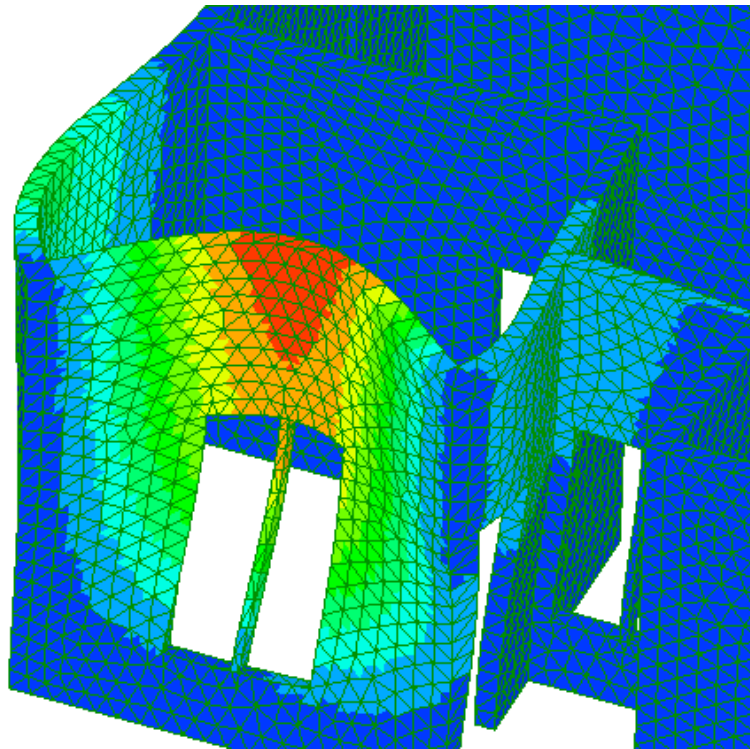


2. Berdasarkan Tegangan

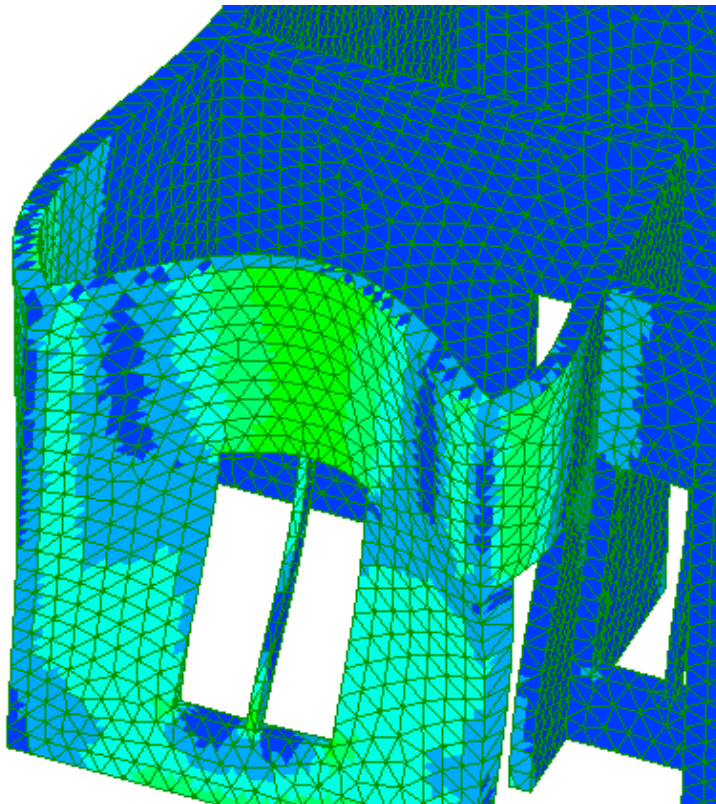


Rumah Tipe 45 Arah Y, Sisi D

1. Berdasarkan *Displacement*

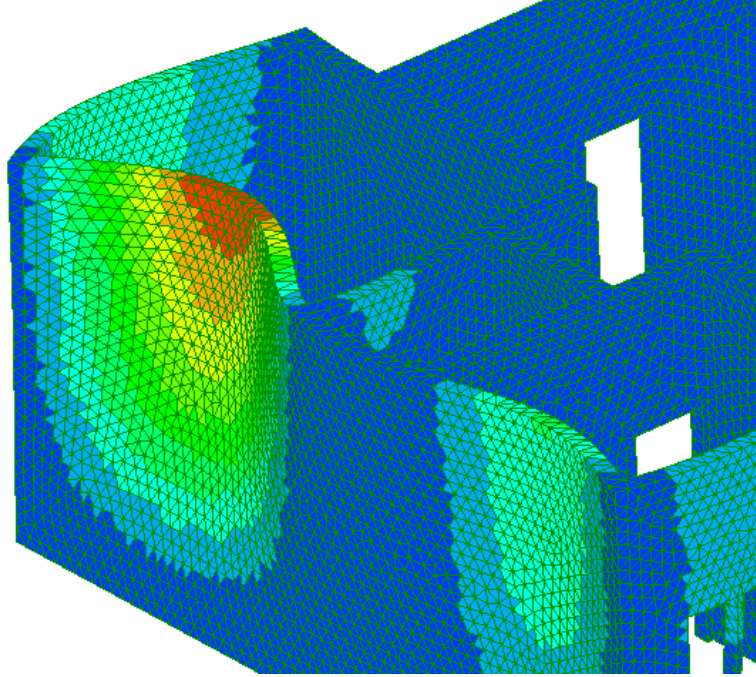


2. Berdasarkan Tegangan

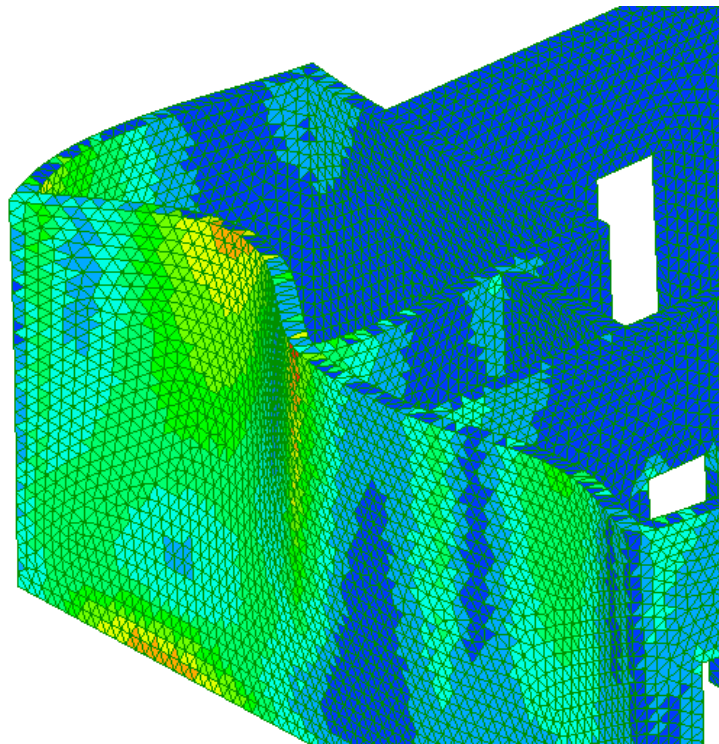


Rumah Tipe 50 Arah X, Sisi A

1. Berdasarkan *Displacement*

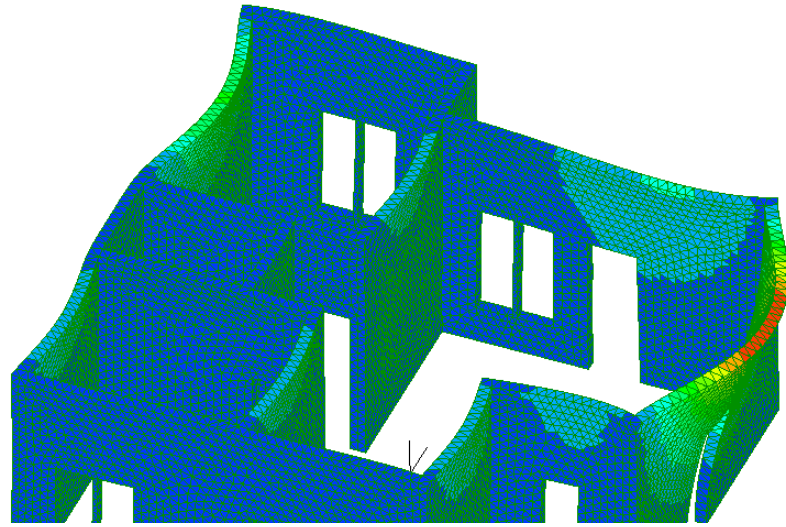


2. Berdasarkan Tegangan

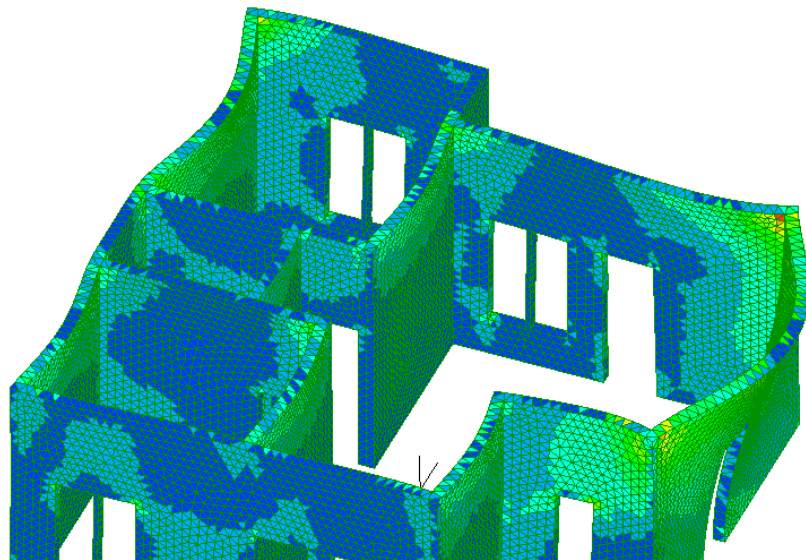


Rumah Tipe 50 Arah X, Sisi B

1. Berdasarkan *Displacement*

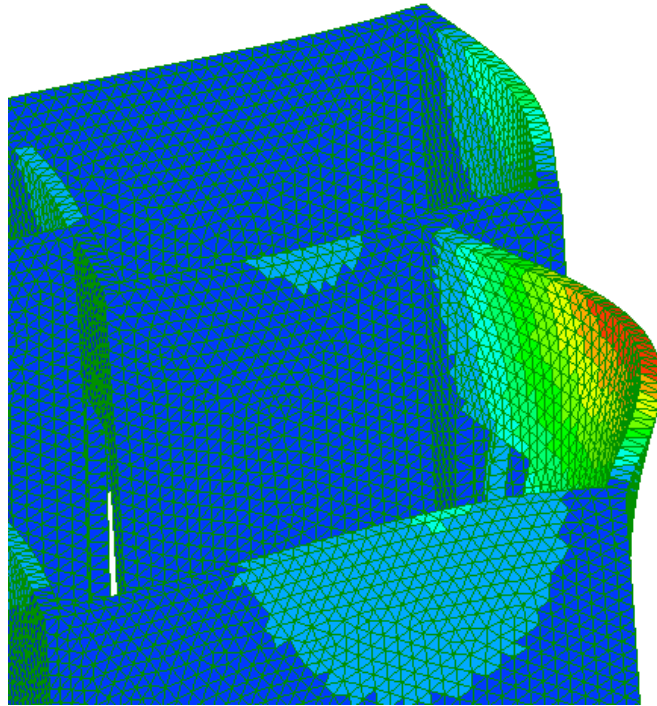


2. Berdasarkan Tegangan

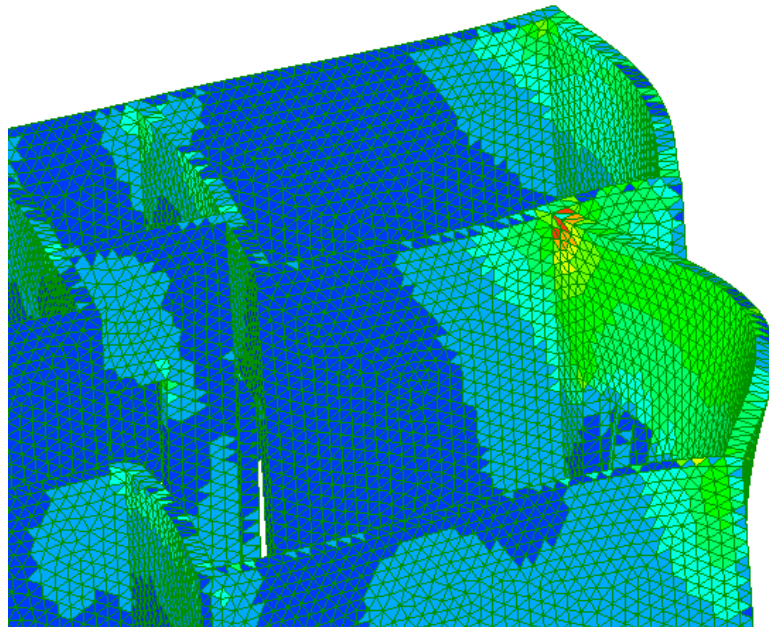


Rumah Tipe 50 Arah Y, Sisi C

1. Berdasarkan *Displacement*

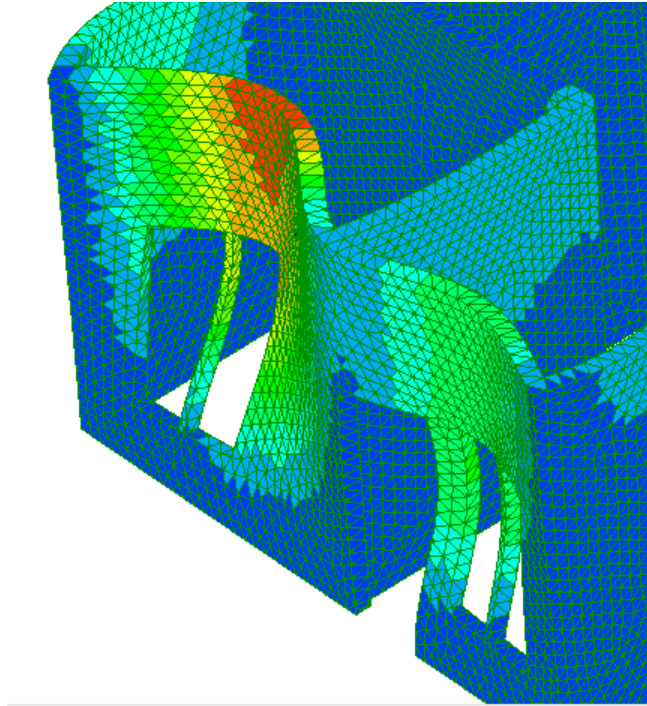


2. Berdasarkan Tegangan



Rumah Tipe 50 Arah Y, Sisi D

1. Berdasarkan *Displacement*



2. Berdasarkan Tegangan

