

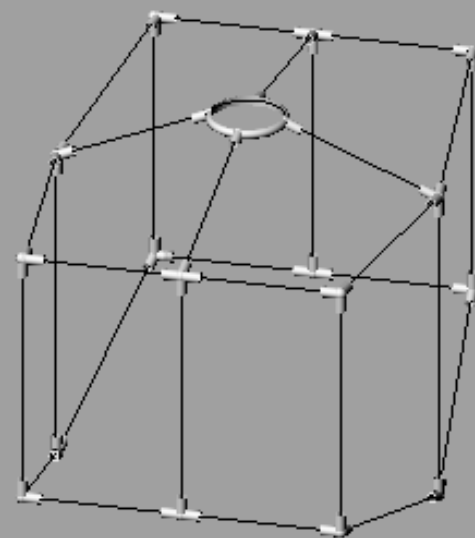
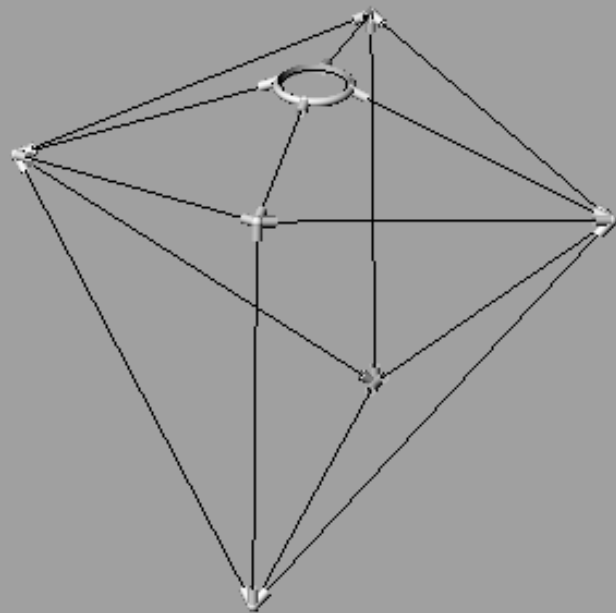
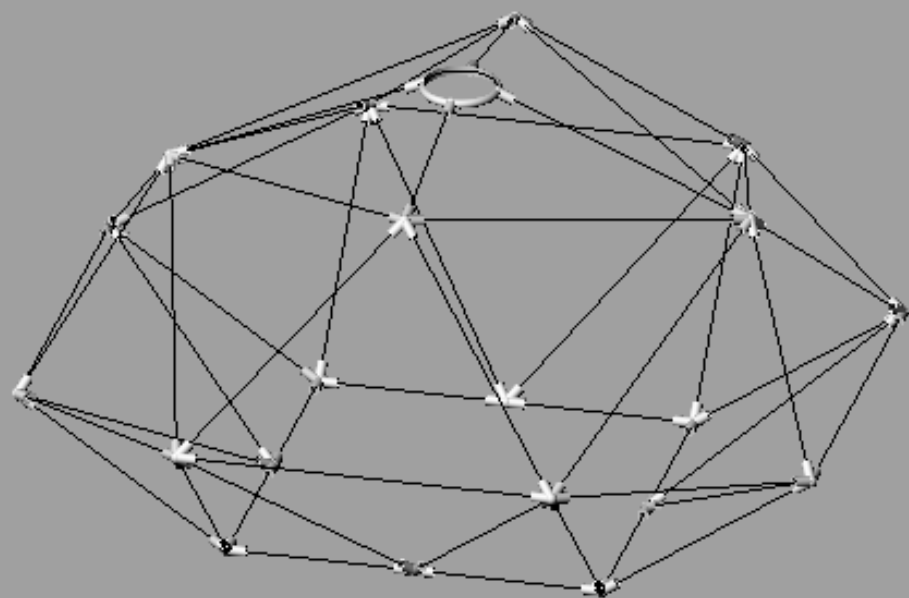
VERSIONES

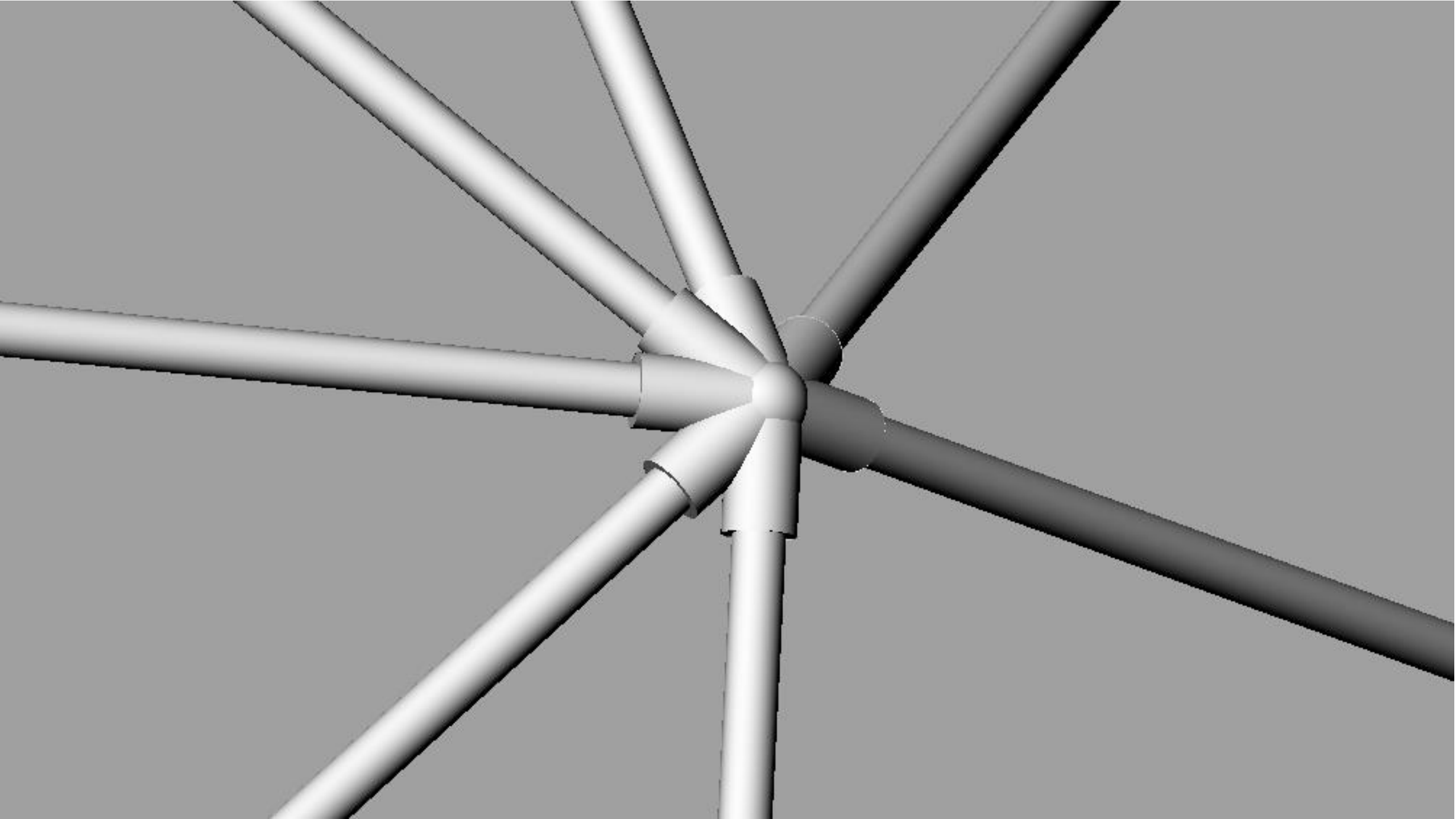
Mi trabajo con el diseño paramétrico

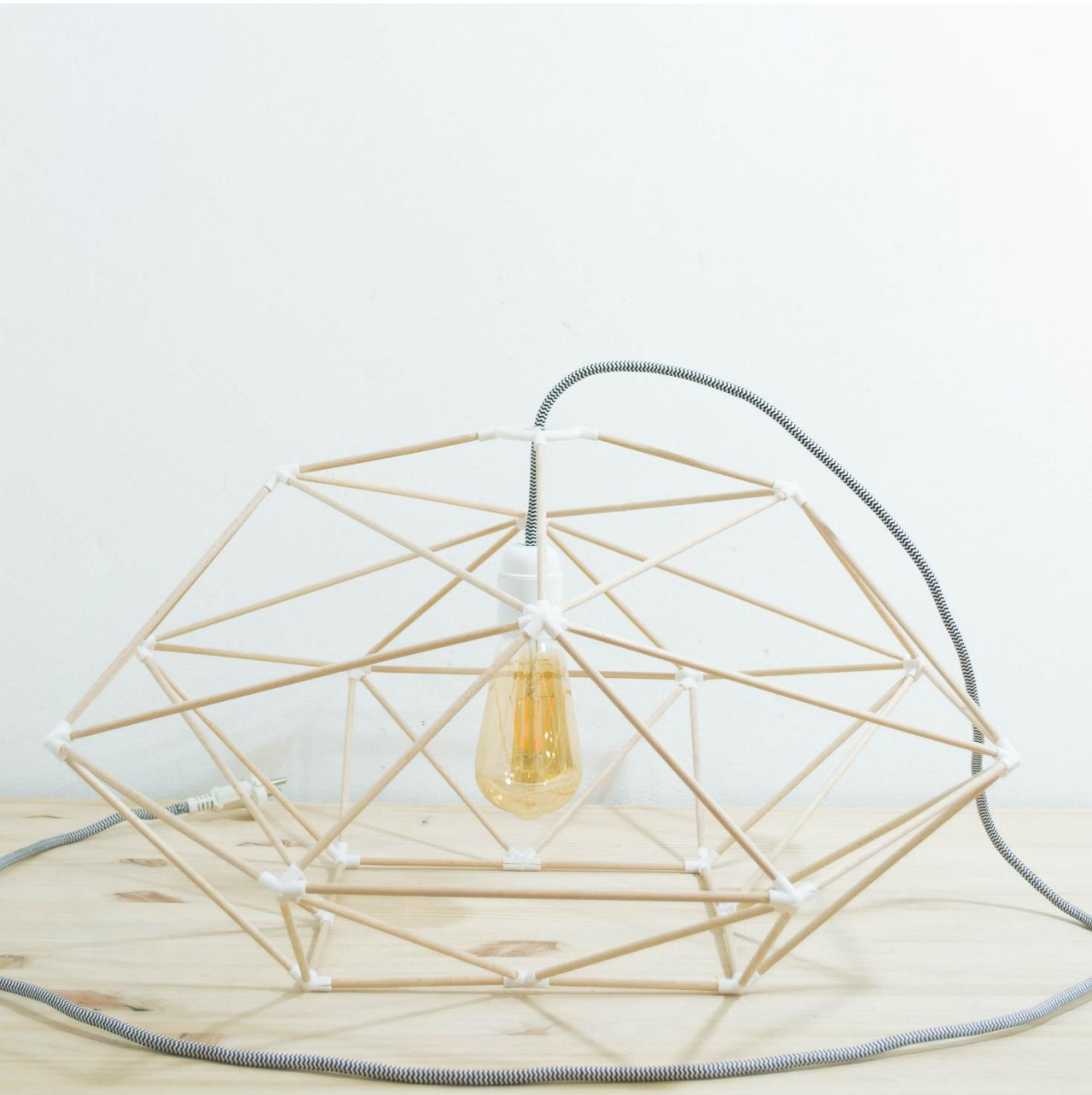
Salva Serrano - otro estudio





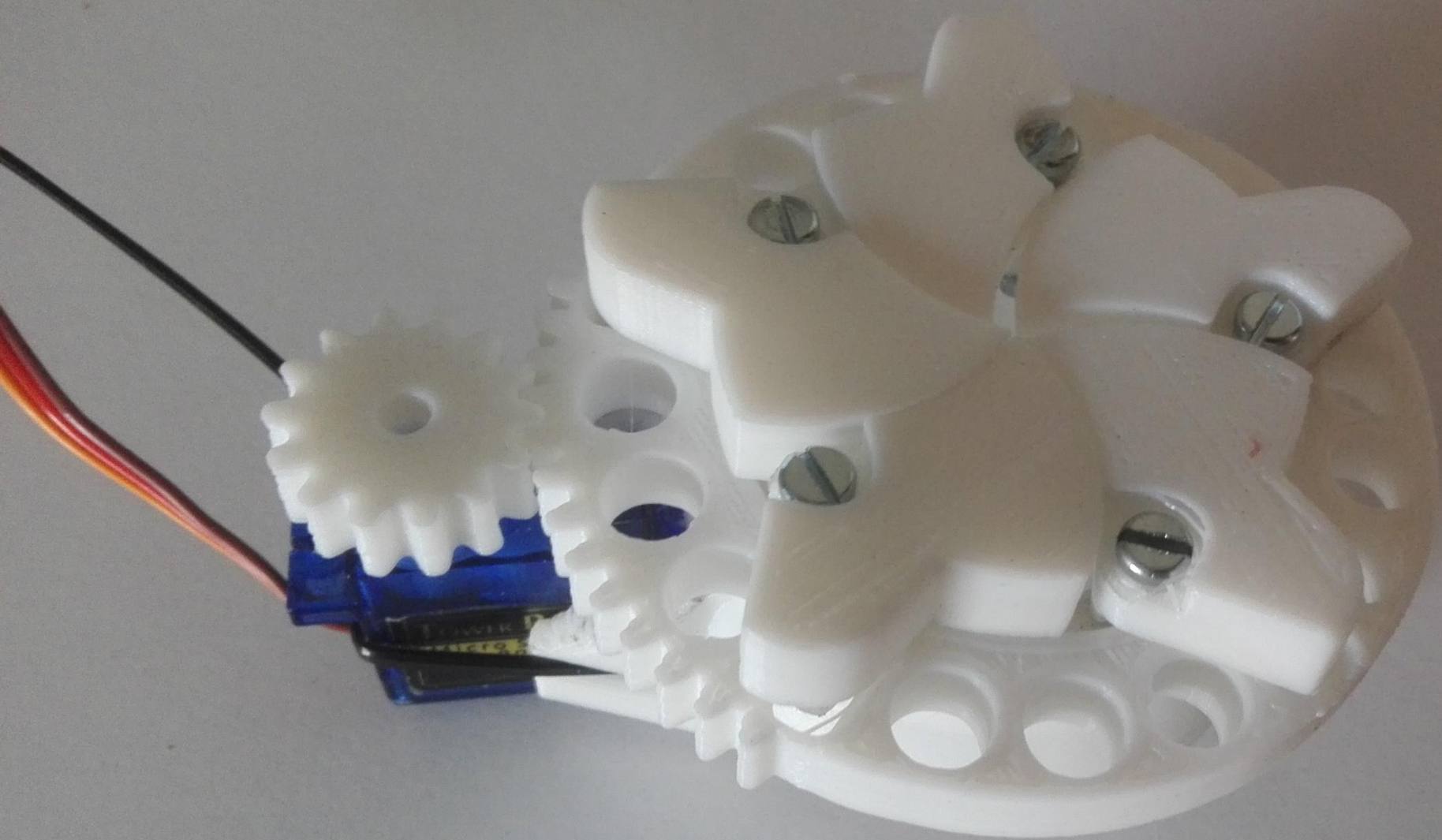






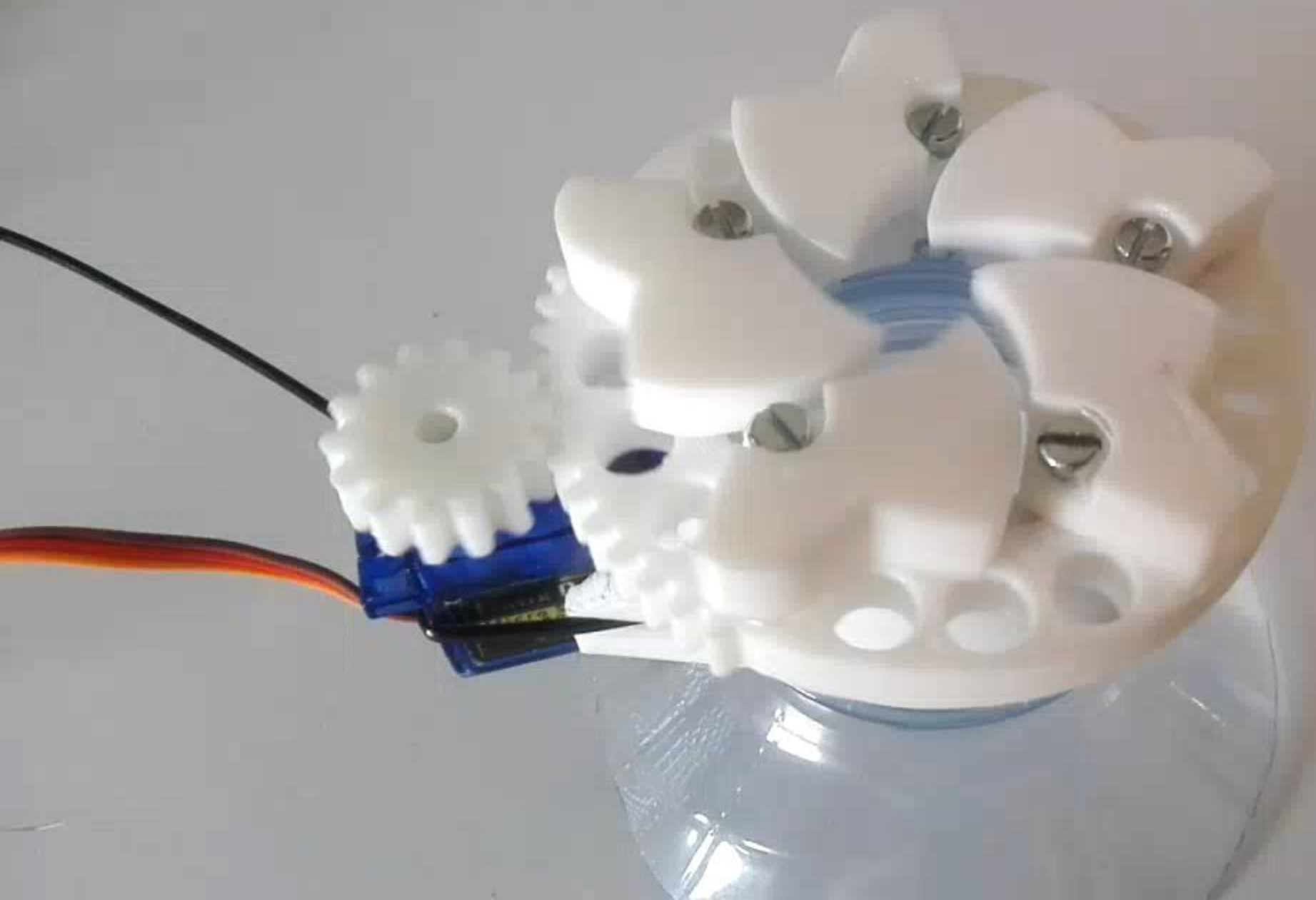






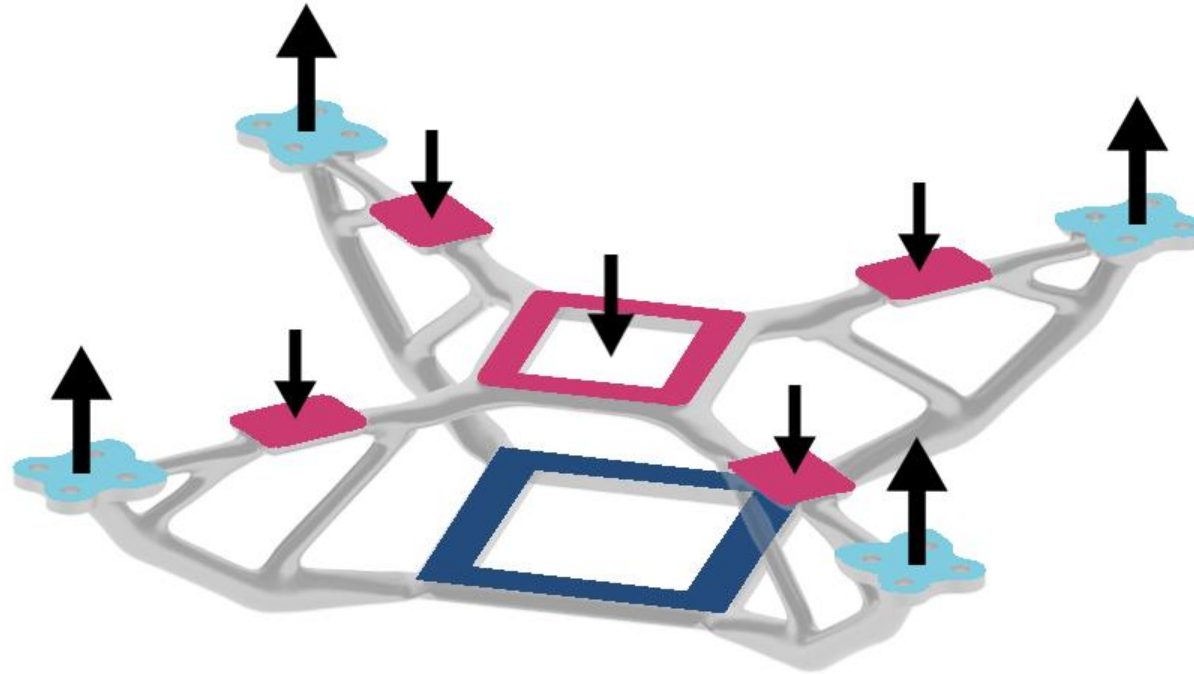








LOAD CASE: TAKEOFF



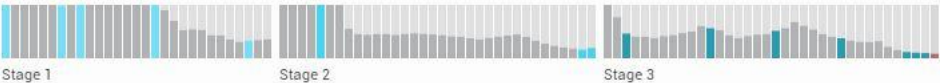
- motors thrust
- electronics weight
- payload (considered as fixed)

Scenario: scenario 1-clone...

Material: ABSplus-P430 Resolution: Medium Fine Mass Target: 15 %

Face Groups			Loadcases
Name	Offset Thickness		
LC 1			⊖
▶ FG 1	1.5	⊖	fixed
▶ FG 2	1.5	⊖	x: 0 N y: 0 N z: -1 N
▶ FG 3	1.5	⊖	x: 0 N y: 0 N z: -0.5 N
▶ FG 4	1.5	⊖	x: 0 N y: 0 N z: -0.5 N
▶ FG 5	1.5	⊖	x: 0 N y: 0 N z: -0.5 N
▶ FG 6	1.5	⊖	x: 0 N y: 0 N z: -0.5 N
▶ FG 7	1.5	⊖	x: 0 N y: 0 N z: 1.17 N
▶ FG 8	1.5	⊖	x: 0 N y: 0 N z: 1.17 N
▶ FG 9	1.5	⊖	x: 0 N y: 0 N z: 1.17 N

Diagram of Convergence



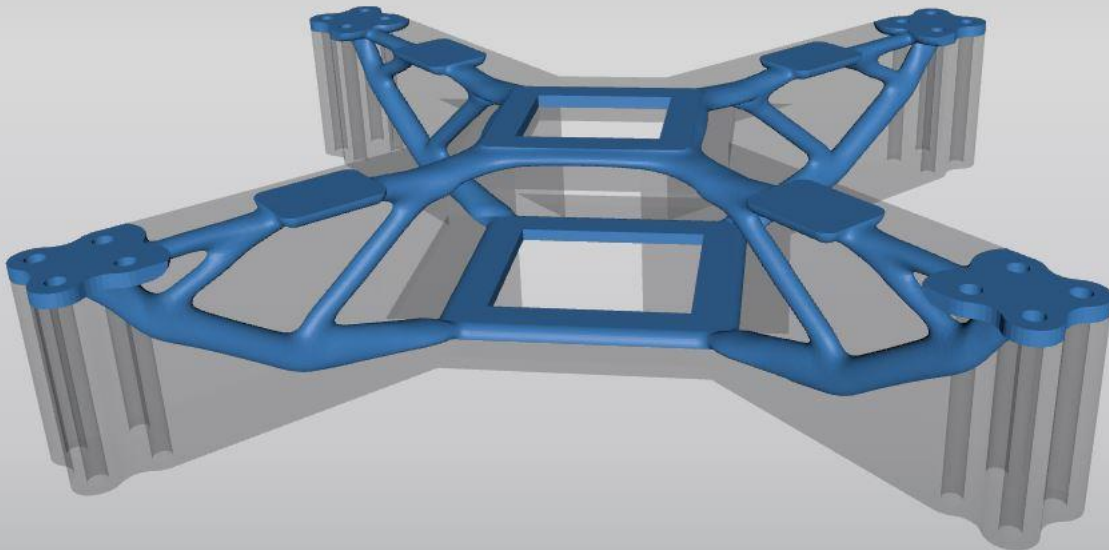
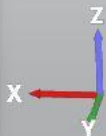
SHOW FINAL RESULT

FEA

MAX



?



DOWNLOAD

?

Feedback



Scenario: scenario 1-clone...

Material: ABSplus-P430 Resolution: Medium Fine Mass Target: 15 %

Face Groups



Loadcases



Name Offset Thickness LC 1



FG 1 1.5 fixed

FG 2 1.5 $x: 0\text{ N}$
 $y: 0\text{ N}$
 $z: -1\text{ N}$

FG 3 1.5 $x: 0\text{ N}$
 $y: 0\text{ N}$
 $z: -0.5\text{ N}$

FG 4 1.5 $x: 0\text{ N}$
 $y: 0\text{ N}$
 $z: -0.5\text{ N}$

FG 5 1.5 $x: 0\text{ N}$
 $y: 0\text{ N}$
 $z: -0.5\text{ N}$

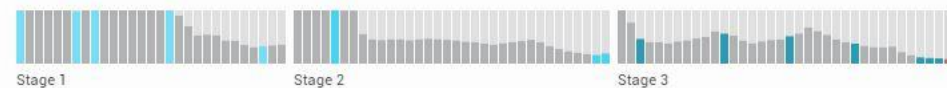
FG 6 1.5 $x: 0\text{ N}$
 $y: 0\text{ N}$
 $z: -0.5\text{ N}$

FG 7 1.5 $x: 0\text{ N}$
 $y: 0\text{ N}$
 $z: 1.17\text{ N}$

FG 8 1.5 $x: 0\text{ N}$
 $y: 0\text{ N}$
 $z: 1.17\text{ N}$

FG 9 1.5 $x: 0\text{ N}$
 $y: 0\text{ N}$
 $z: 1.17\text{ N}$

Diagram of Convergence

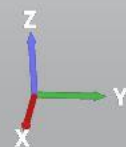
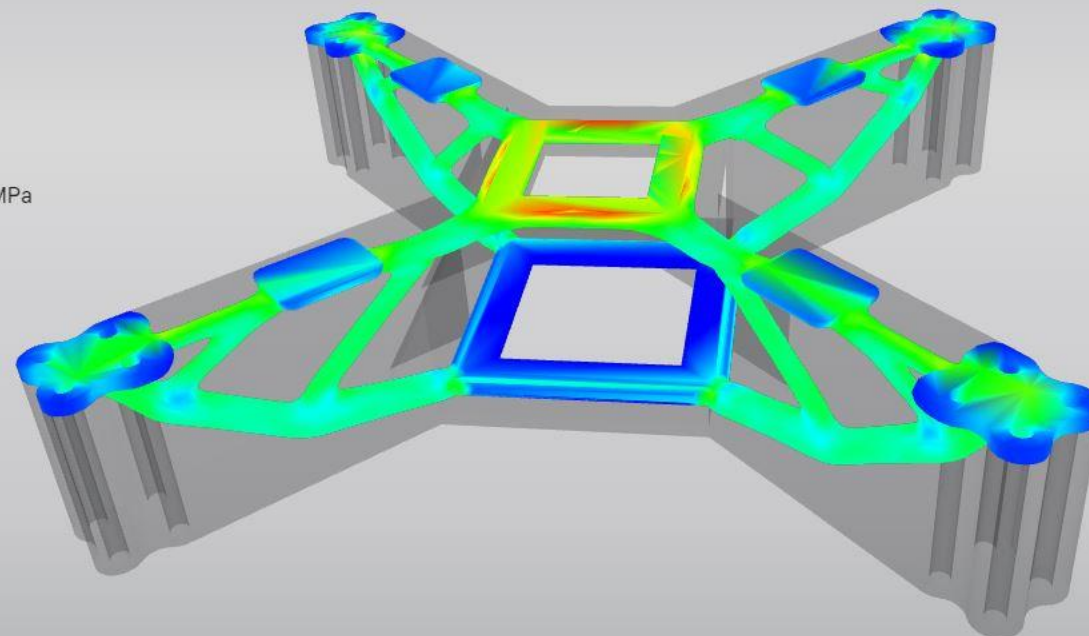


SHOW FINAL RESULT



2.7142e-1 MPa

0.0000e+0 MPa

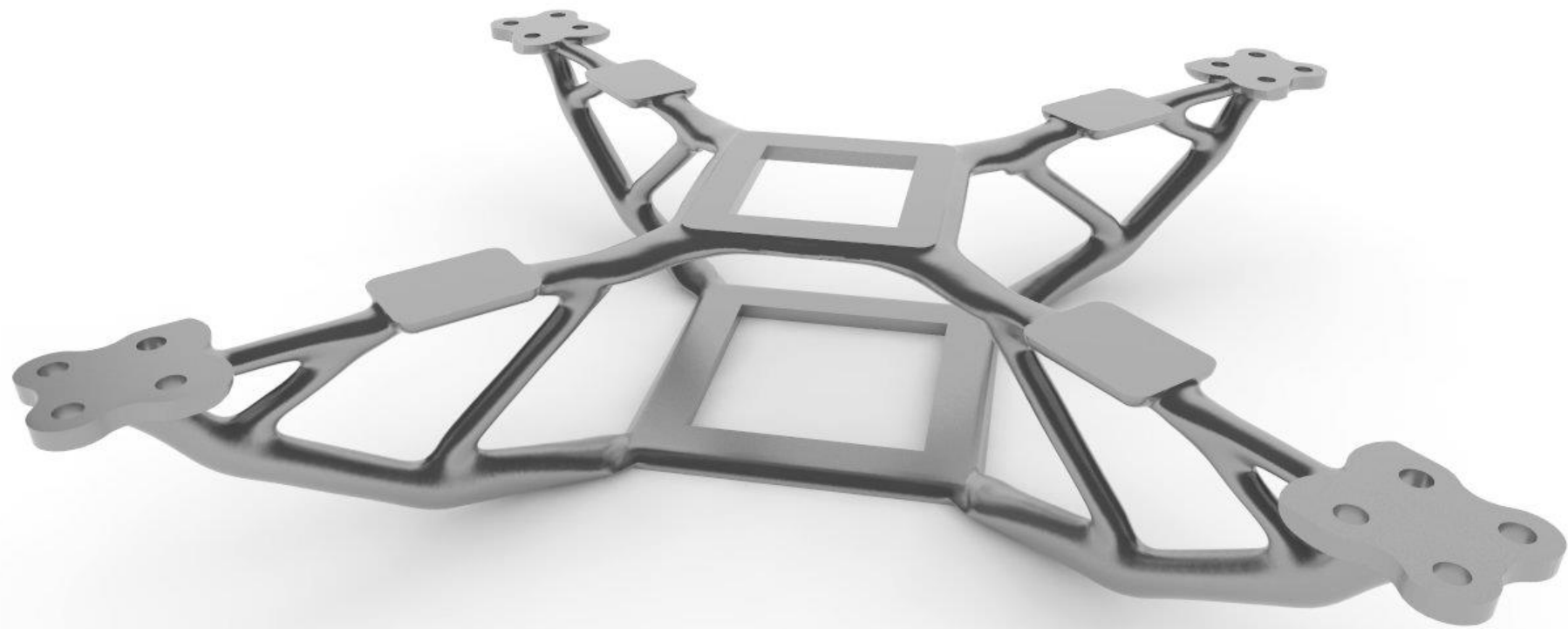


DOWNLOAD

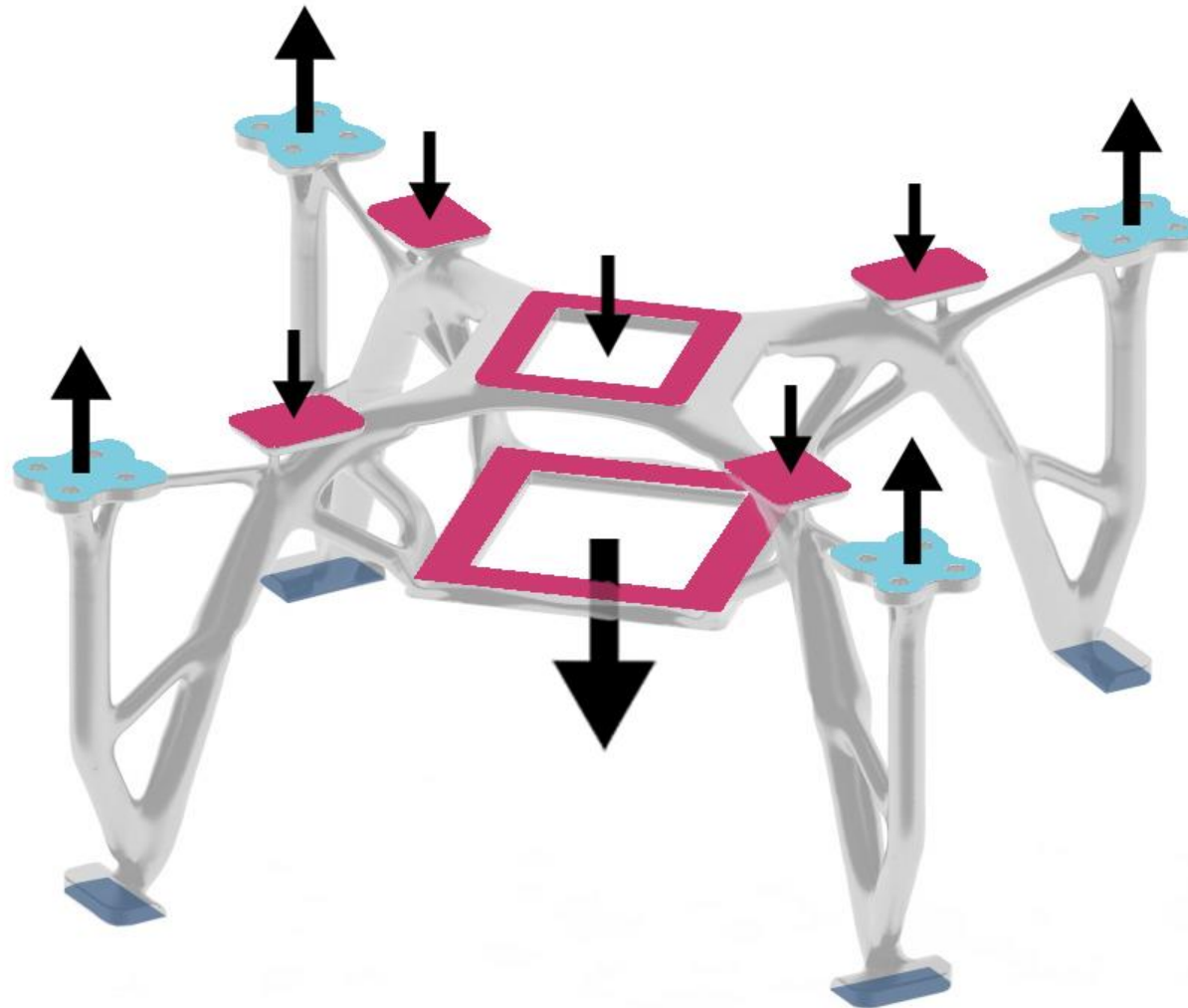
Feedback



scenario 1-c...







- motors thrust
- payload and electronics weight
- landing feet (considered as fixed)

Scenario: scenario 1-clone...

Material: ABSplus-P430 Resolution: Medium Fine Mass Target: 20 %

Face Groups

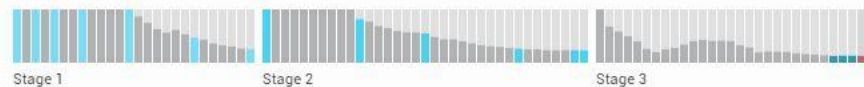


Loadcases



Name	Offset	Thickness	LC 1
FG 1	2	⊖	fixed
FG 2	2	⊖	fixed
FG 3	2	⊖	fixed
FG 4	2	⊖	fixed
FG 5	1.5	⊖	x: 0 N y: 0 N z: -3 N
FG 6	1.5	⊖	x: 0 N y: 0 N z: -1 N
FG 7	1.5	⊖	x: 0 N y: 0 N z: -0.5 N
FG 8	1.5	⊖	x: 0 N y: 0 N z: -0.5 N
FG 9	1.5	⊖	x: 0 N y: 0 N z: -0.5 N

Diagram of Convergence



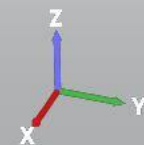
SHOW FINAL RESULT



scenario 1 scenario 1-c...

FEA

MAX



DOWNLOAD

Feedback



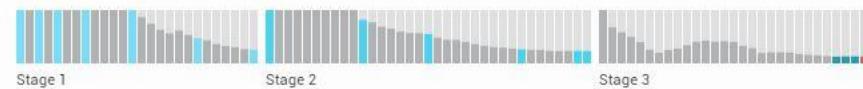
Scenario: scenario 1-clone...



Material: ABSplus-P430 Resolution: Medium Fine Mass Target: 20 %

Face Groups		Loadcases	
Name	Offset Thickness	LC 1	
▶ FG 1	2	fixed	−
▶ FG 2	2	fixed	−
▶ FG 3	2	fixed	−
▶ FG 4	2	fixed	−
▶ FG 5	1.5	x: 0 N y: 0 N z: -3 N	−
▶ FG 6	1.5	x: 0 N y: 0 N z: -1 N	−
▶ FG 7	1.5	x: 0 N y: 0 N z: -0.5 N	−
▶ FG 8	1.5	x: 0 N y: 0 N z: -0.5 N	−
▶ FG 9	1.5	x: 0 N y: 0 N z: -0.5 N	−

Diagram of Convergence



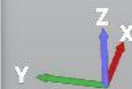
SHOW FINAL RESULT



MAX

1.8355e-1 MPa

0.0000e+0 MPa



DOWNLOAD

Feedback





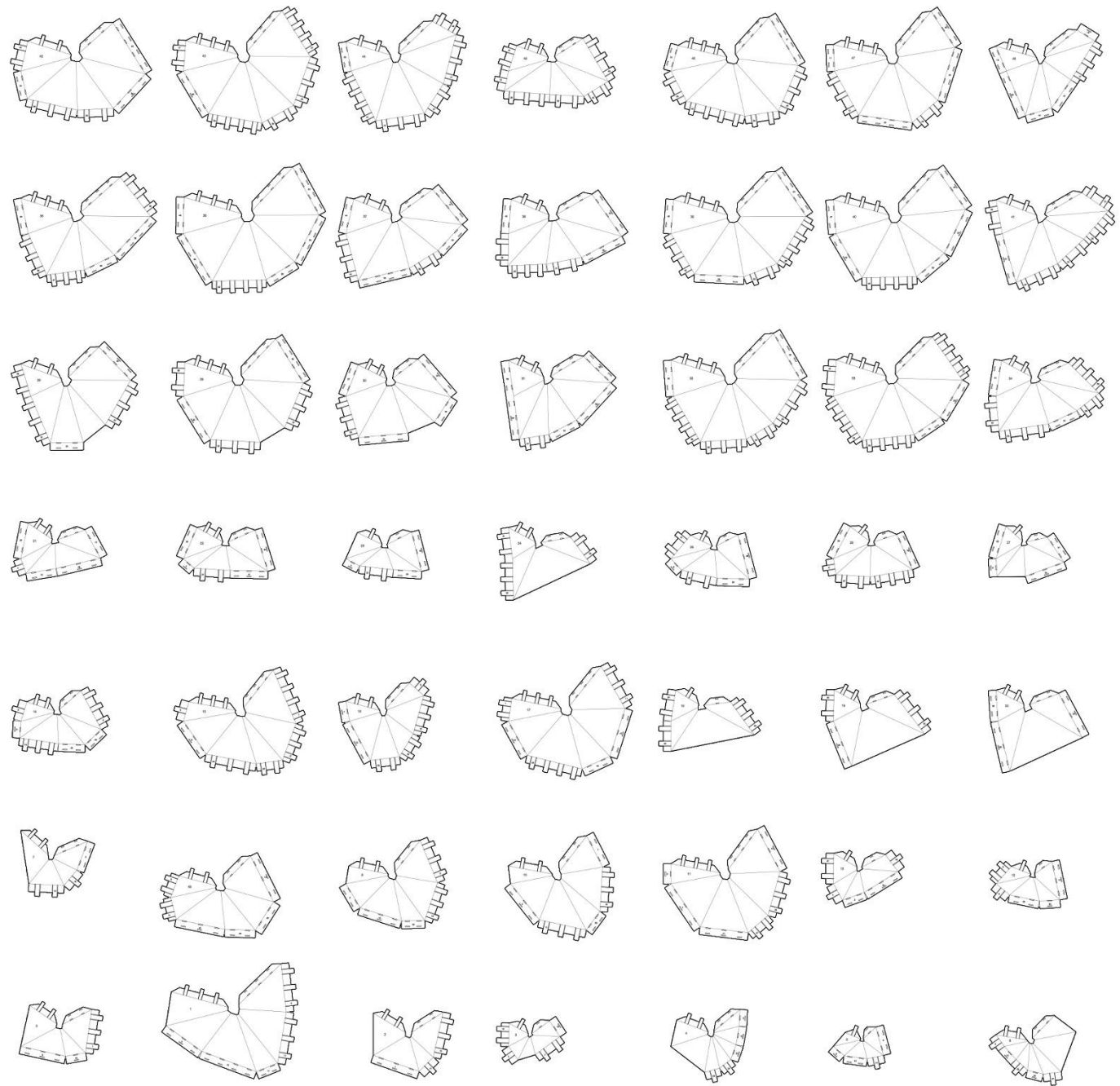
SALVA SERRANO







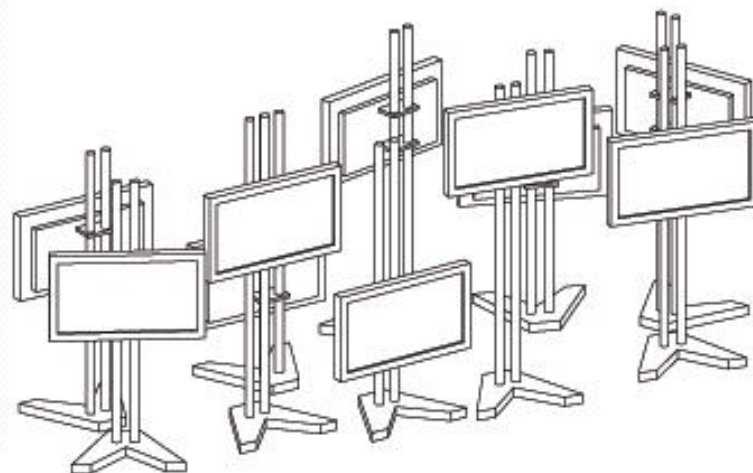
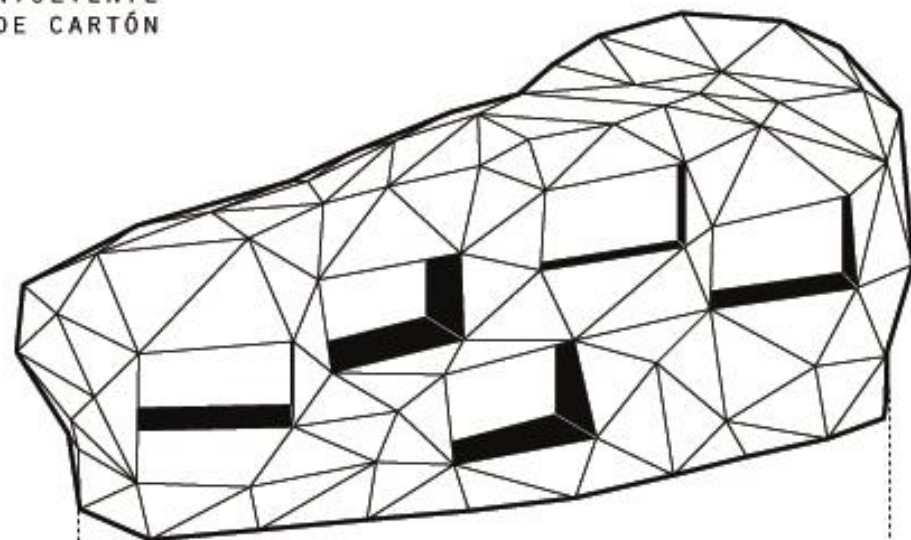






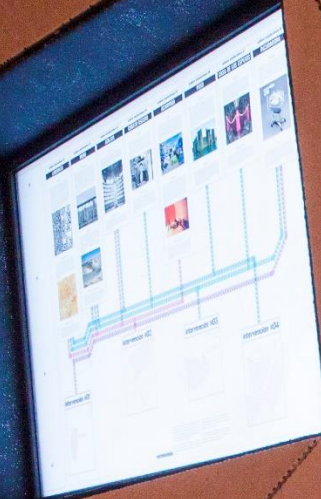


ENVOLVENTE
DE CARTÓN



DISPOSITIVOS
MULTIMEDIA











AUTOMATO
MARCIA
INGENIERIA EN
CONSTRUCCION





