Flubber



MASTER IN ADVANCED ARCHITECTURE

ASSIGNMENT 04

SO.6 COMPUTATIONAL DESIGN - GENERATIVE ALGORITHEMS

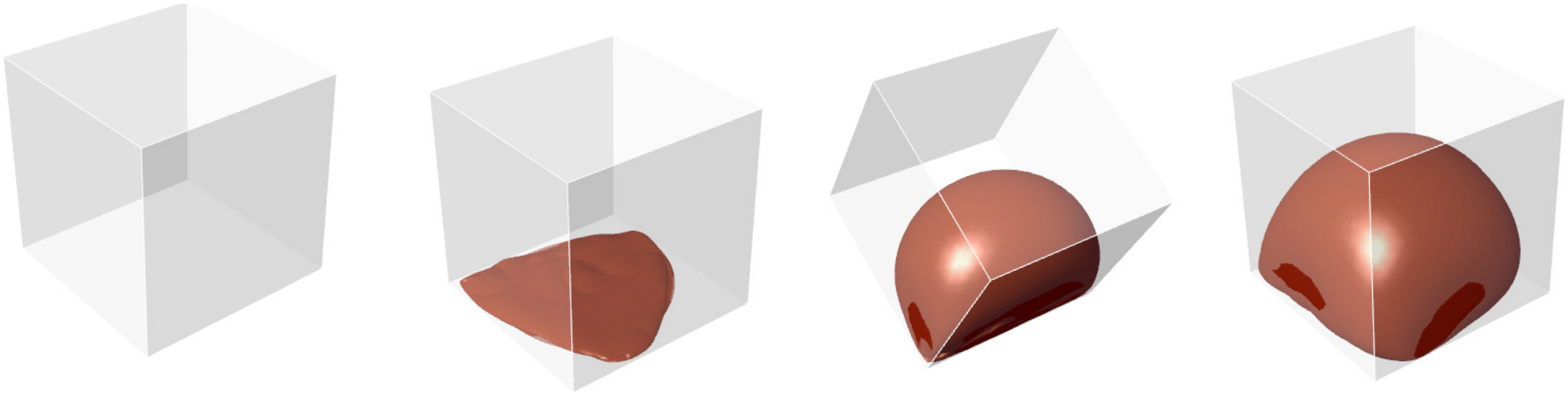
KANGROO

2016/2017

SANDESH KAGGANTI RAMESH

Iaac Institute for advanced architecture of Catalonia | BARCELONA

BASIC CONDITIONS FOR THE SIMULATION



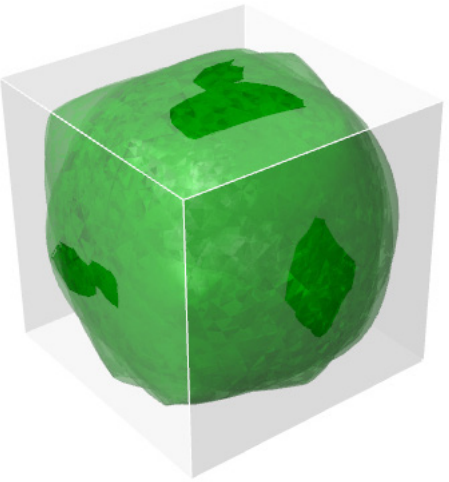
A MESH INFLATED WITH A VOLUME OF AIR

THE MESH LINES ARE ACTING AS STRINGS AND ANCHOR POINTS

COMPLETE MESH IS ENCAPSULATED IN A CUB WHICH CAN BE ROTATED ON AN AXIS

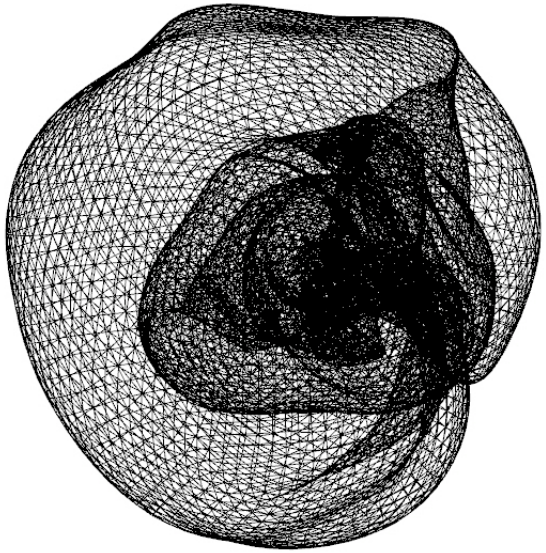
A EXTERNAL FORCE OF GRAVITATION ACTING ON THE MESH FROM DIFFERENT DIRECTION

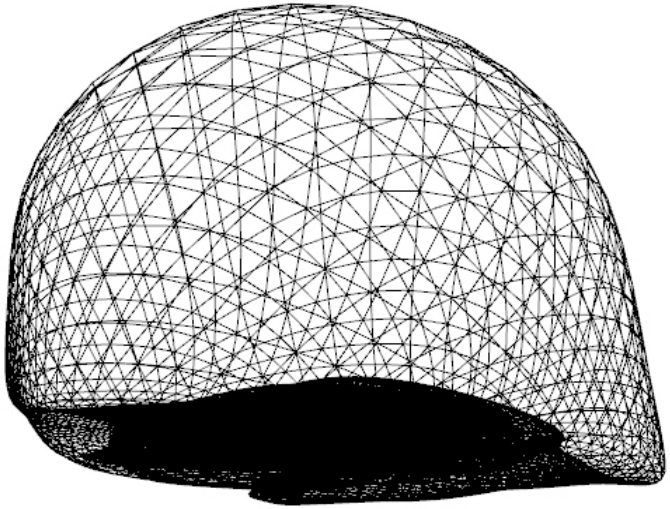
ALL THESE INDIVIDUAL COMPONENTS ARE PUT TOGETHER USING KANGAROO ENGINE

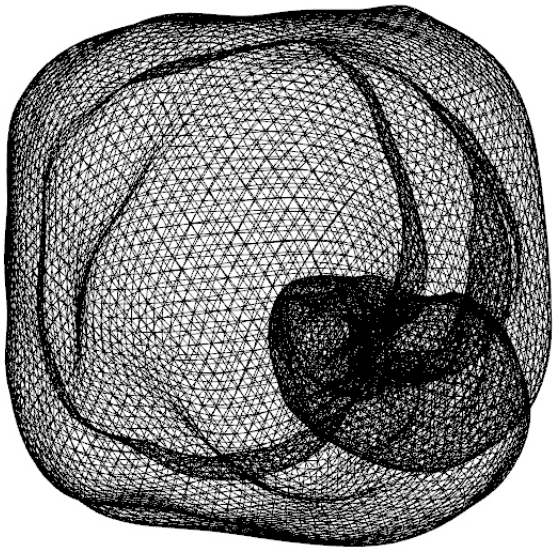


MESH VARIATIONS UISNG THE CONCEPT OF CODING FROM FLUBBER

VARIATION 1

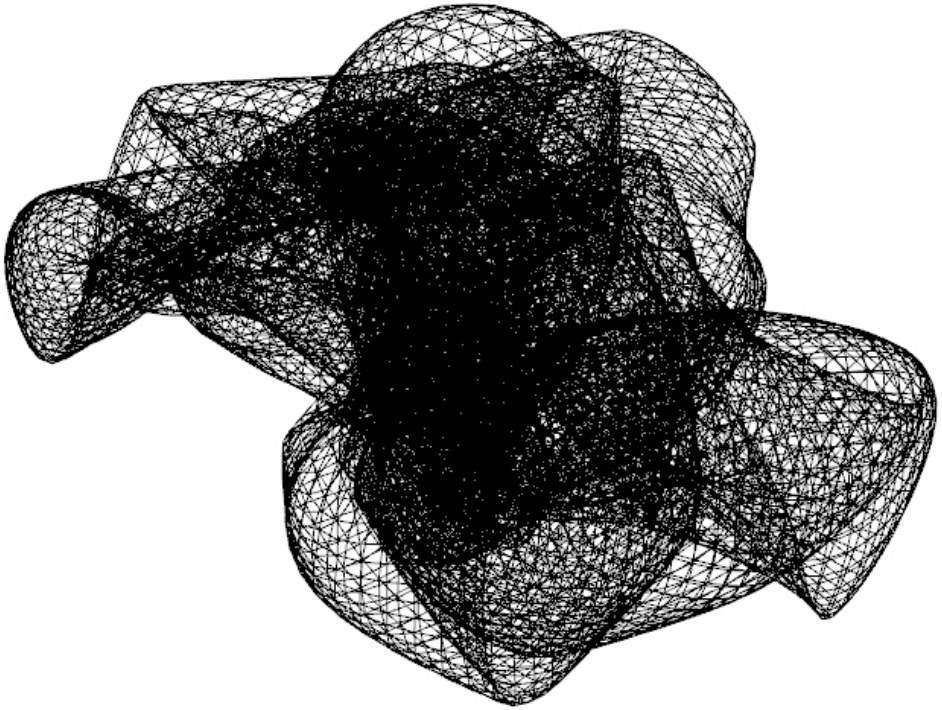


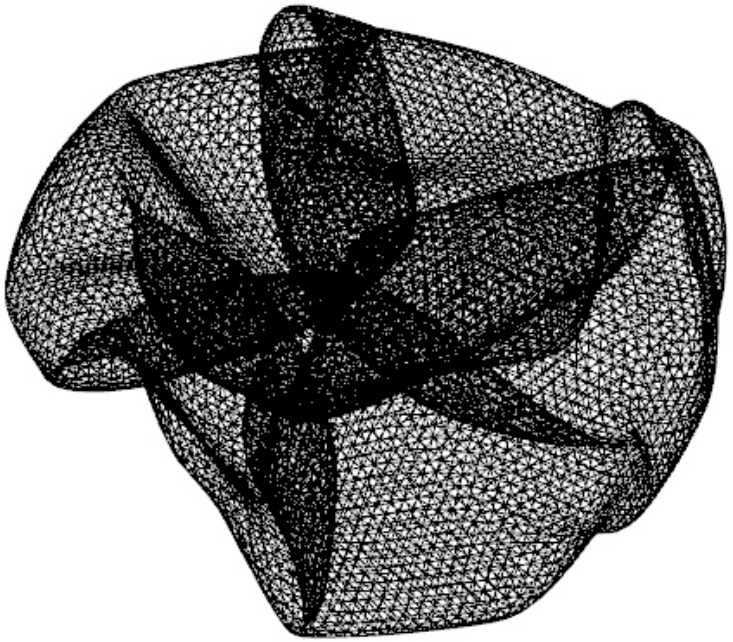




MESH VARIATIONS UISNG THE CONCEPT OF CODING FROM FLUBBER

VARIATION 2





MESH VARIATIONS UISNG THE CONCEPT OF CODING FROM FLUBBER

VARIATION 3

