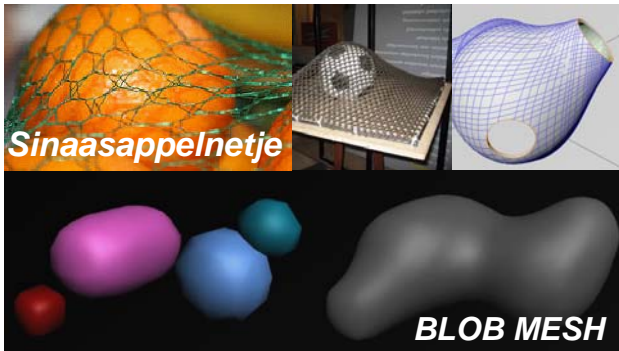


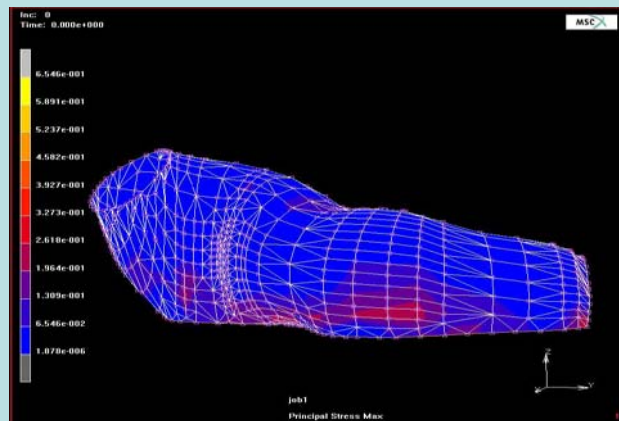
BLOB Prototype: Playing Object



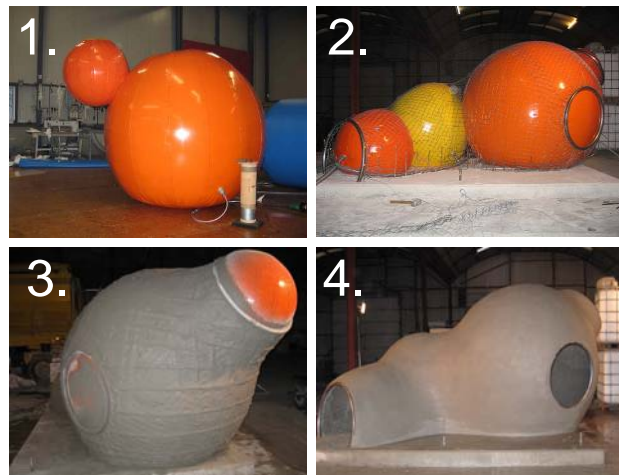
A movable playing object where children can climb and crawl.



Some balloons are connected by a so-called BLOB MESH. This operation shows a physical model which shows an elastic material (such as tights) covering some balloons. The situation can be described as a couple of oranges held together by a net



After designing the object, the structural behavior of the shell was analyzed. The calculations are done by the program Marc Mentat.



Building Method::

- Step 1:** Three linked balloons will be inflated.
- Step 2:** The balloons will be covered with nets and openings are realized with steel rings.
- Step 3:** Spraying concrete on the nets and balloons. (Thickness of shell: 5cm)
- Step 4:** After hardening of the concrete, the balloons will be removed and the result is visible.