The Fragile Object

The fragile object takes inspiration from the Virtual Egg objects designed by Controzzi 2017[[1]](#footnote-1). The fragile object is composed by a box, with inside a fragile fuse and a weight of 320 gr.

The elements that compose the fragile object are:

* A picture containing floor, indoor, green

  Description automatically generatedA paper box of 50x50 mm, as container
* A fuse (in this case is a piece of spaghetto), placed in the middle of the box
* A support for the fuse (the black piece in the picture)
* Lead weight for a total amount of 320 gr, placed in the bottom

**Assembly Instruction**

Necessary material:

1. Paper box 50x50 mm, with its cover
2. Support for the fuse
3. Piece of spaghetto, length 50 mm

A picture containing floor, indoor, green, plastic

Description automatically generatedA picture containing text, businesscard

Description automatically generated

Figure 1 Paper box with its fuse

A picture containing yellow

Description automatically generated

Figure 3 Piece of spaghetto

Figure 2 Support for the fuse

Following the instruction to assemble the virtual egg:

1. 3D printed the support (you can find the file Cad in Technical documents, in the webpage).
2. A picture containing text, computer, table, indoor

   Description automatically generatedAssemble the paper box and cover
3. A picture containing indoor, green

   Description automatically generatedIdentify the center of two parallel side of the box and fix the support with glue.
4. Insert the lead weight on the bottom of the box

A box of popcorn

Description automatically generated with medium confidence

1. A box of popcorn

   Description automatically generated with low confidenceA picture containing indoor

   Description automatically generatedPlace the fuse in the support
2. Close the box with its cover

1. Controzzi, M., Clemente, F., Pierotti, N., Bacchereti, M., Cipriani, C., & Superiore, S. (2017). Evaluation of hand function trasporting fragile objects: the virtual eggs test. In *Myoelectric Control Symposium*. New Brunswick, CA: University of Salford. [↑](#footnote-ref-1)