

SuperEgg by Piet Hein

W Welt der Geduldspiele

VIEW IN BROWSER

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Summary

The SuperEgg can stand upright on a flat surface.

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Tags: **mathart**

The SuperEgg was designed by Piet Hein as a piece of art and as a puzzling object, but the underlying mathematical shape has been known much longer. It can stand upright on a flat surface. This feature makes it an interesting puzzling object: How can this be?

If you can read German: Mehr Informationen gibt es in <https://welt-der-geduldspiele.blogspot.com/search?q=3D-Druck>

Printing instructions:

The STL model is for a half SuperEgg and was created using the python script by kitwallace (Chris Wallace) given here: <https://www.thingiverse.com/thing:48808>. The exponent for the superegg feature is 2.5. The script was modified to print half SuperEggs: Two of them can be printed without support and easily be glued together. The result is a nice looking puzzling object.

I printed the puzzle in PLA at 0.1 mm layer height.

Print Settings

Printer Brand:

Prusa

Printer:

Mini

Rafts:

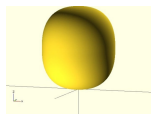
No

Supports:

No

Category: Puzzles

This remix is based on



Superegg

by kitwallace

Model files



superegg_half.stl

[Find source .stl files on Thingiverse.com](#)

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