

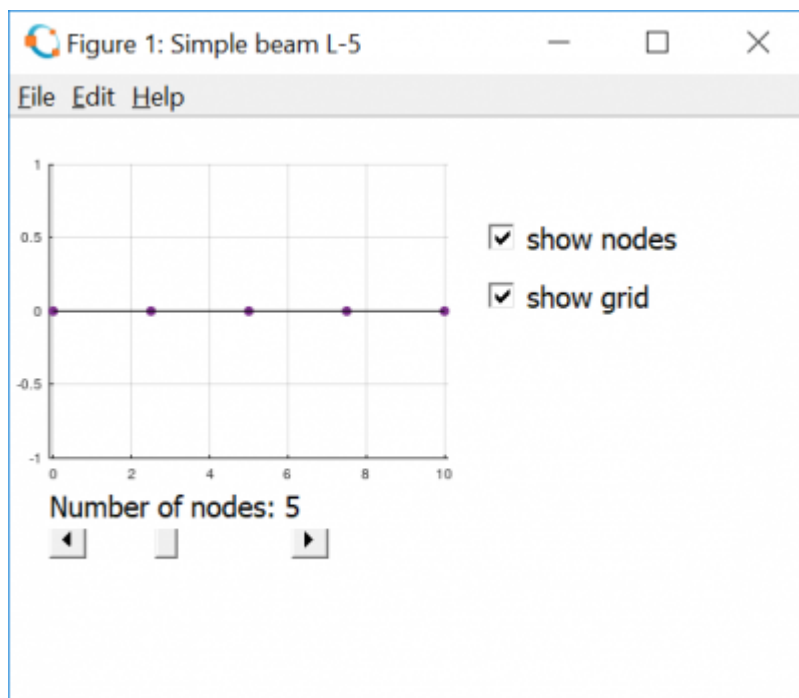
[Back](#)

Gallery

Collection of miscellaneous images mostly related to research and teaching. Click on image to get more detailed view.

GUI programming in Octave

This is a quick-and-dirty attempt at writing application in Octave with GUI control.



A movie and source code can be found here : [GUI in Octave](#)

Ad hoc animation in Matlab

Ad hoc animation in Matlab. The car image courtesy of Anna Najder.

[cartree.mp4](#)

Paper engineering

Images of some solutions to quick engineering exercise : building simple structure from printing paper
[Quick paper engineering](#)

Xfig drawings collection

Xfig sources of all figures in this collection are available via [GitHub repository FigReop](#)

- [2D domains](#)

ParaView exercises

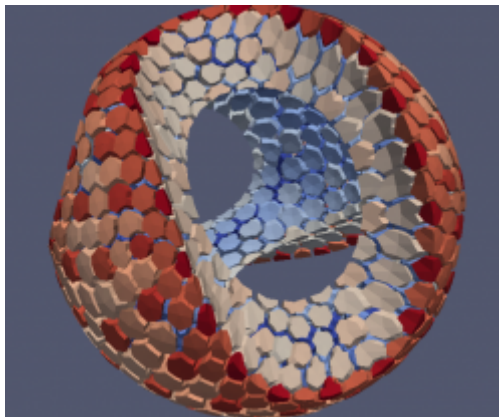
- [Cook's membrane geometry and mesh](#)

ParaView versus Matlab

[On this page](#) you can find comparison of visualization of displacement field for a deformation of unit square into quarter of a disk. The visualization is done in Paraview and in Matlab.

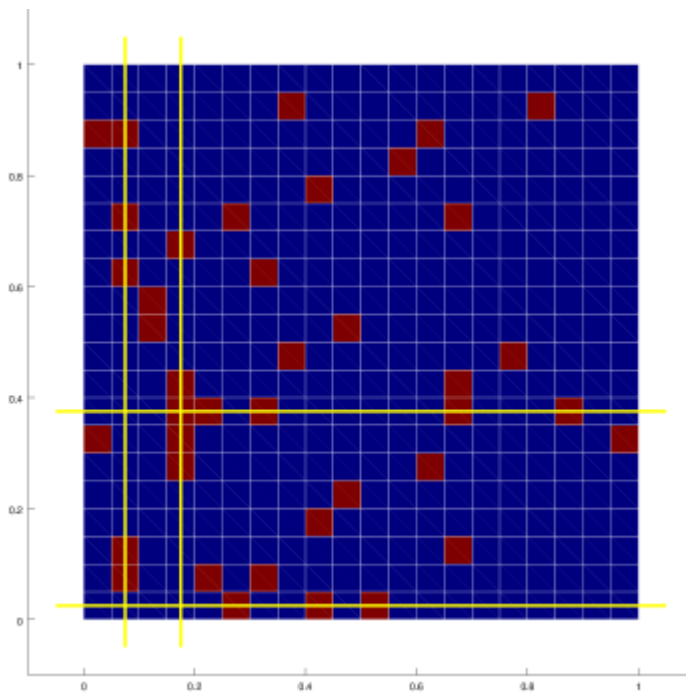
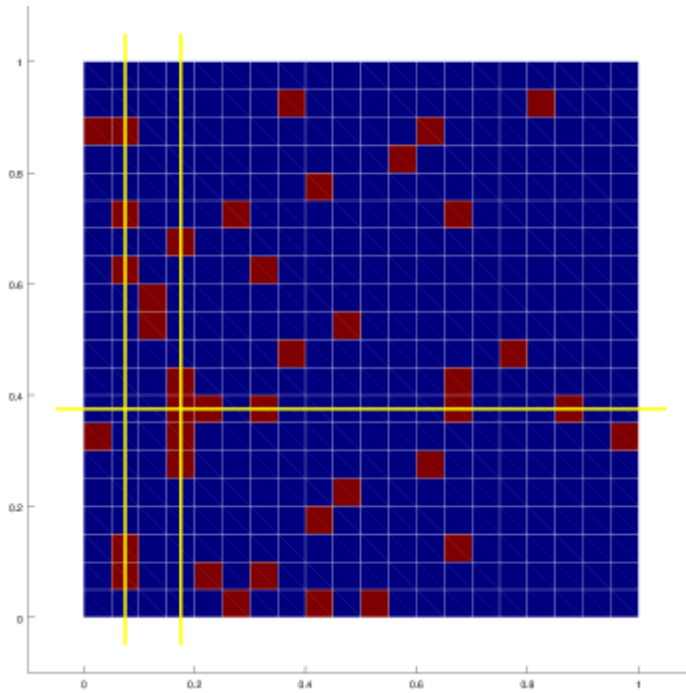
Polyhedral mesh generation

Click on the image to see a short animation. More can be seen on the [PolyGen page](#).

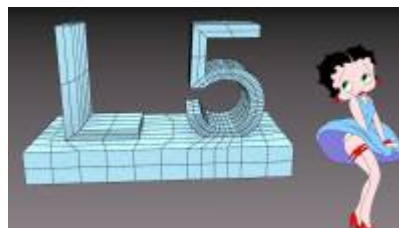


Mesh adaptation

Couple of images and animation related to mesh adaptation can be found [this page](#)



L-5 Fun



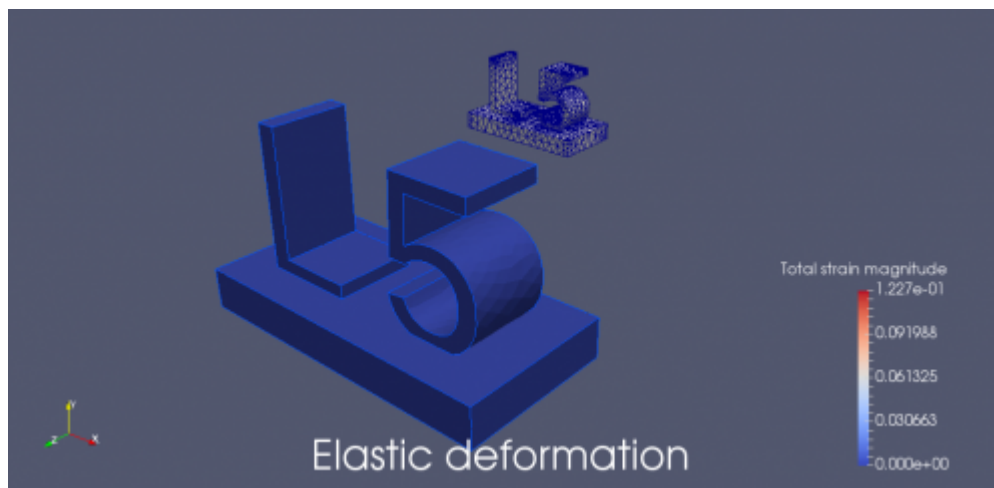
Some funny pictures with L-5 Logo

L-5 Bending

Animation of elastic deformation of L-5 logo under its own weight (with some cheating as gravity acts not vertically :) Click on the image to start the movie.

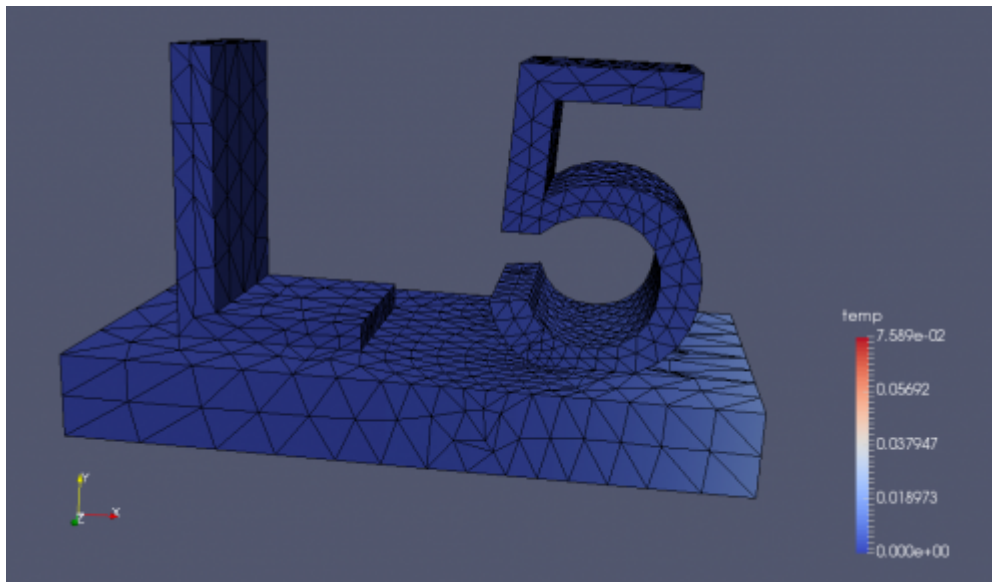


Caution, the second animation is rather big, ~10MB, thus it can load slowly.



L-5 Rainbow

Animation of heat flow through a L-5 logo. Click on the image to start the movie.



More of similar images can be found at [my Google account](#)

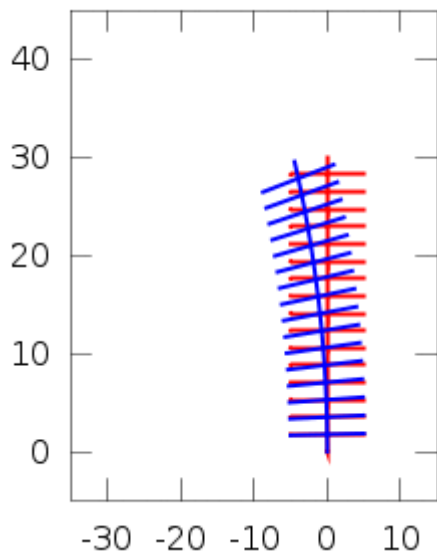
Playful, alegoric view on L-5 research areas

Concept: Roman Putanowicz and [Anna Perduta](#). Graphic design: [Marcin Tekieli](#).



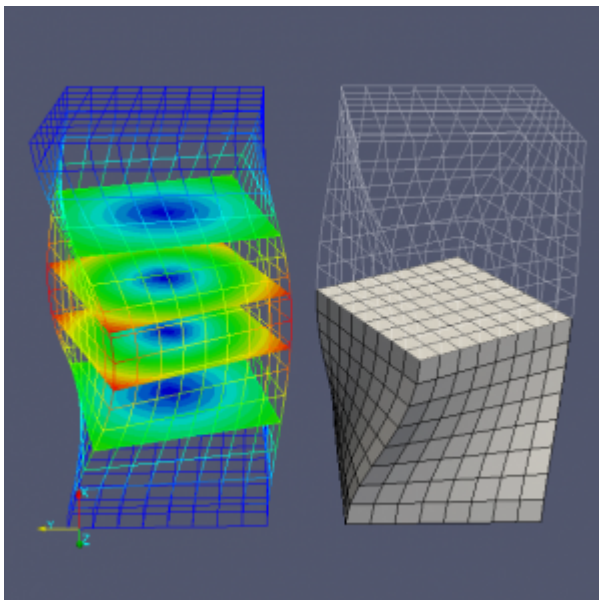
Morphbar

“Bending a tree” – illustration of the idea from which Morphbar project has originated. More on [this page](#)

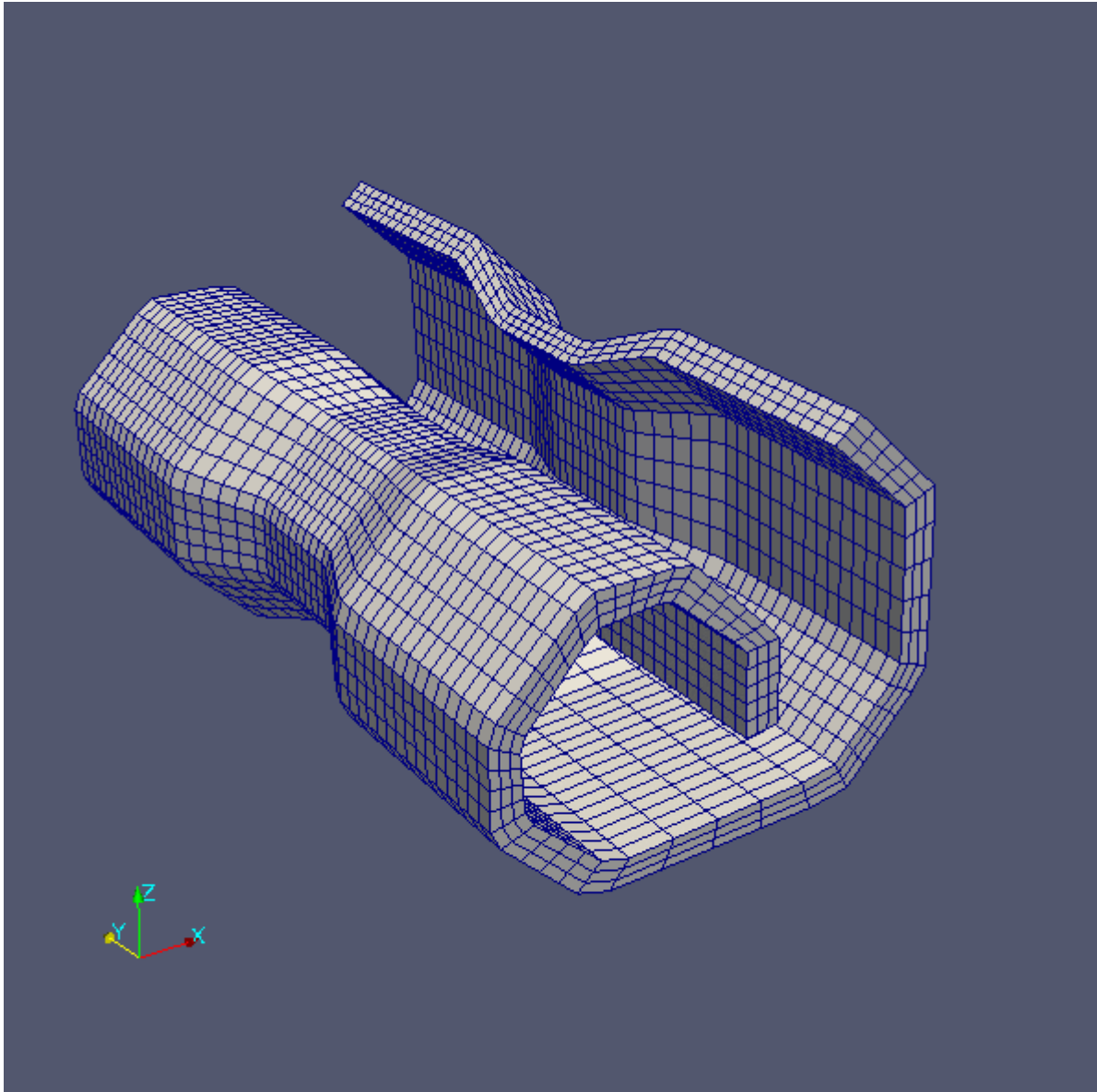


More images related to Morphbar project can be found on [its Trac wiki](#).

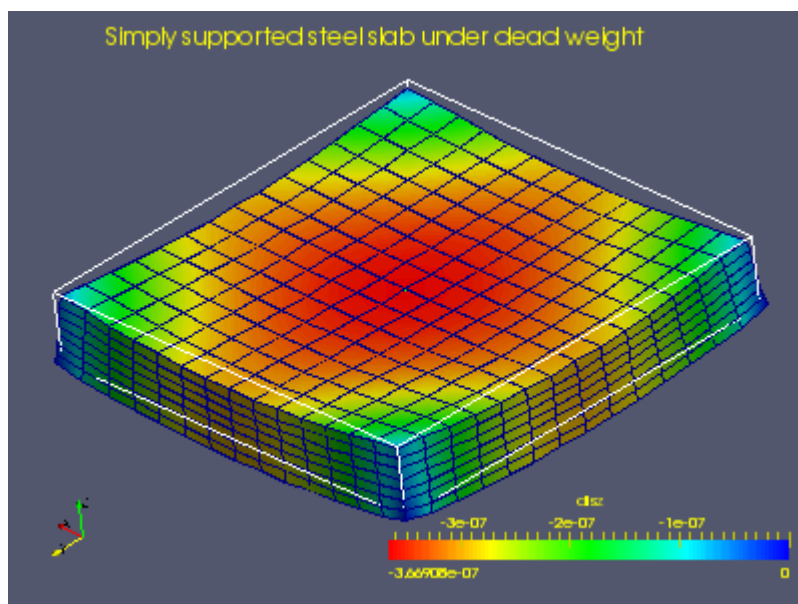
Rotating deformation of NURBS cage:

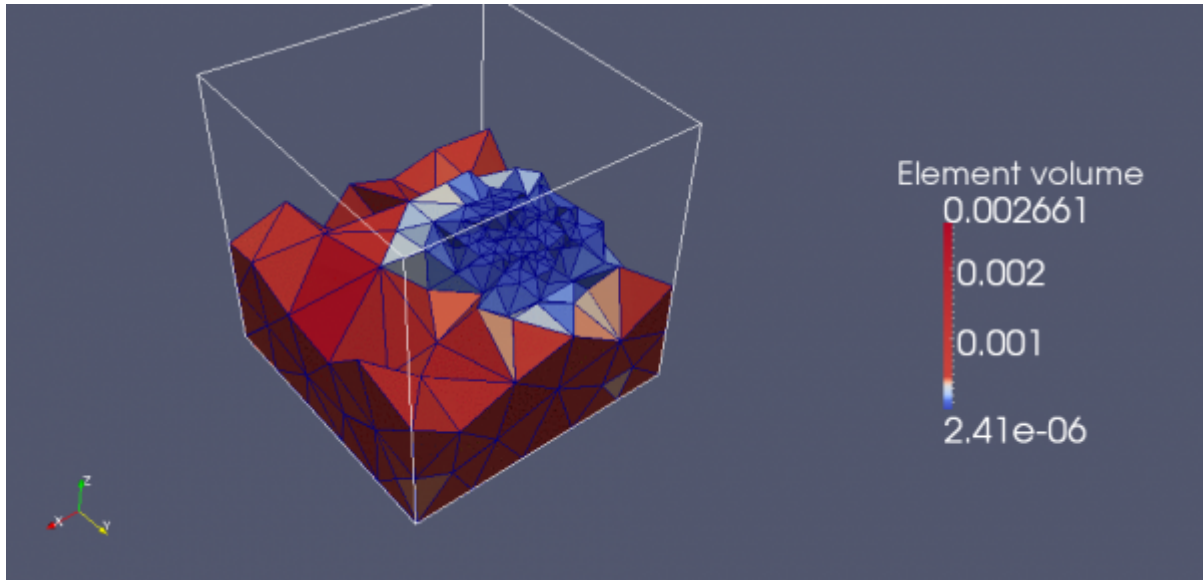


Influence of NURBS order on body shape:



Miscellaneous stuff





[Back](#)

From:

<https://www.l5.pk.edu.pl/~putanowr/dokuwiki/> - **Roman Putanowicz Wiki**

Permanent link:

<https://www.l5.pk.edu.pl/~putanowr/dokuwiki/doku.php?id=en:gallery>

Last update: **2019/03/15 00:14**

