

**Massimo Gasperini**

**Spirals from a board**



Massimo Gasperini was a Generative Sculptor and Jazz player. He died unexpectedly this year. He participated to the last GA Conferences with his artworks. So, for remembering him, two sculptures of his production are presented in this exhibition.

**from his abstract of GA2012:**

"Bowl from a board" is an old technique used by woodworkers: you cut concentric circles on a wooden board at a bevel angle, and stacking them up you get a bowl. Remarkably, if you use wedges instead of boards you get a logarithmic spiral.

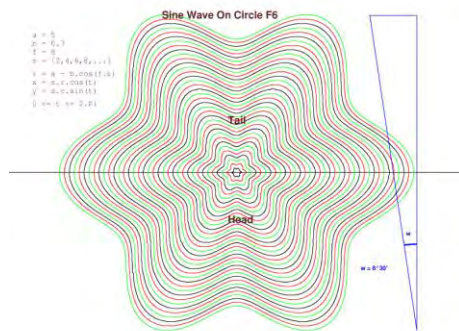


**Topic: Art**

**In memory of:  
Massimo Gasperini  
1945-2013**

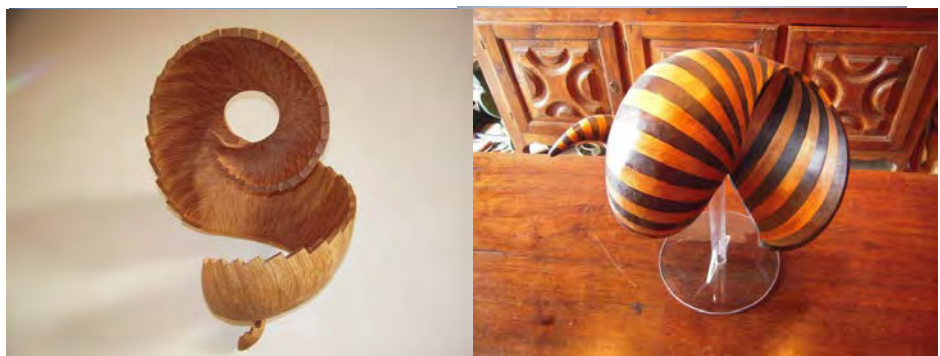
and his participation to the last three GAConferences

Massimo wrote software to draw the outlines of the segments to be cut on the wedge. These segments are not only circles, but ellipses and other curves like sine curves and fourth grade functions.



[www.despiramirabilis.com](http://www.despiramirabilis.com)

Changing the parameters of the curves and the angle of the wedge he obtained countless 3D surfaces. These wood sculptures were sections of these surfaces, which can have negative or positive curvatures.



"Curds' Evolution" and "Third report from Gerico"

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**Keywords:** logarithmic spiral, wood sculpture, mathematical art