



GeCla

THE USE OF GECLA PROGRAM FOR STUDYING PLANE SYMMETRY



- **Site:** atractor.pt
- **YouTube:** Channel AtractorMI
- **Facebook:** www.facebook.com/Atractor
- **Email:** atractor@atractor.pt

www.atractor.pt/mat/GeCla/index-_en.html

ATRATOR

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GECLA (*)

DOWNLOAD (*)



In the context of the study of symmetry, [Atractor](#) developed **GeCla** program (for Mac and Windows) and it can be downloaded for free:

Unlike previous versions, the new version of GeCla does not require prior installation of Atractor's DVD, which simplifies the installation process.

We strongly advise you to always use the latest version of GeCla (specially in competition mode).

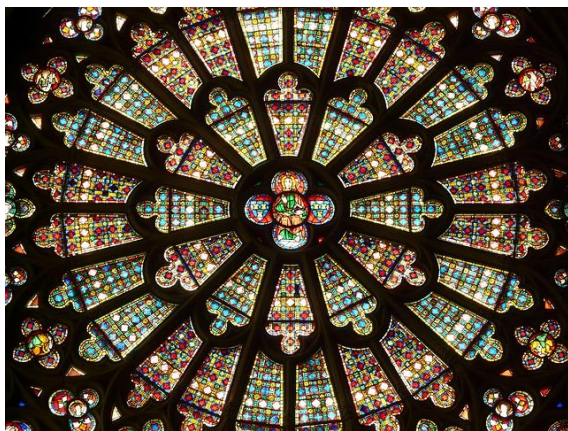
[Download GeCla Windows](#)[Download GeCla Mac](#)

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Version beta 1.01 - 2016/10/06

Languages presently supported:  (Soon: )



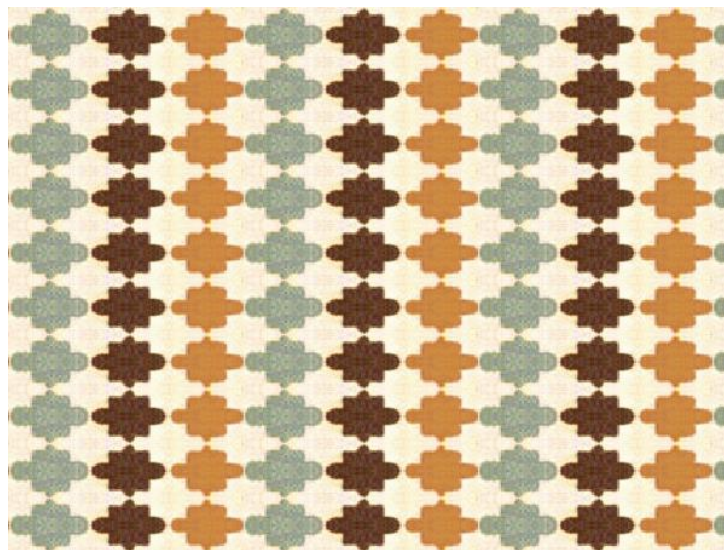


Rosette



Frieze

Pattern





- Description of the program
- Find symmetries
- Generation of rosettes, friezes and patterns
- Classification
- Competition
- Support

Classifier of rosettes, friezes and patterns



1.



Submit
classification



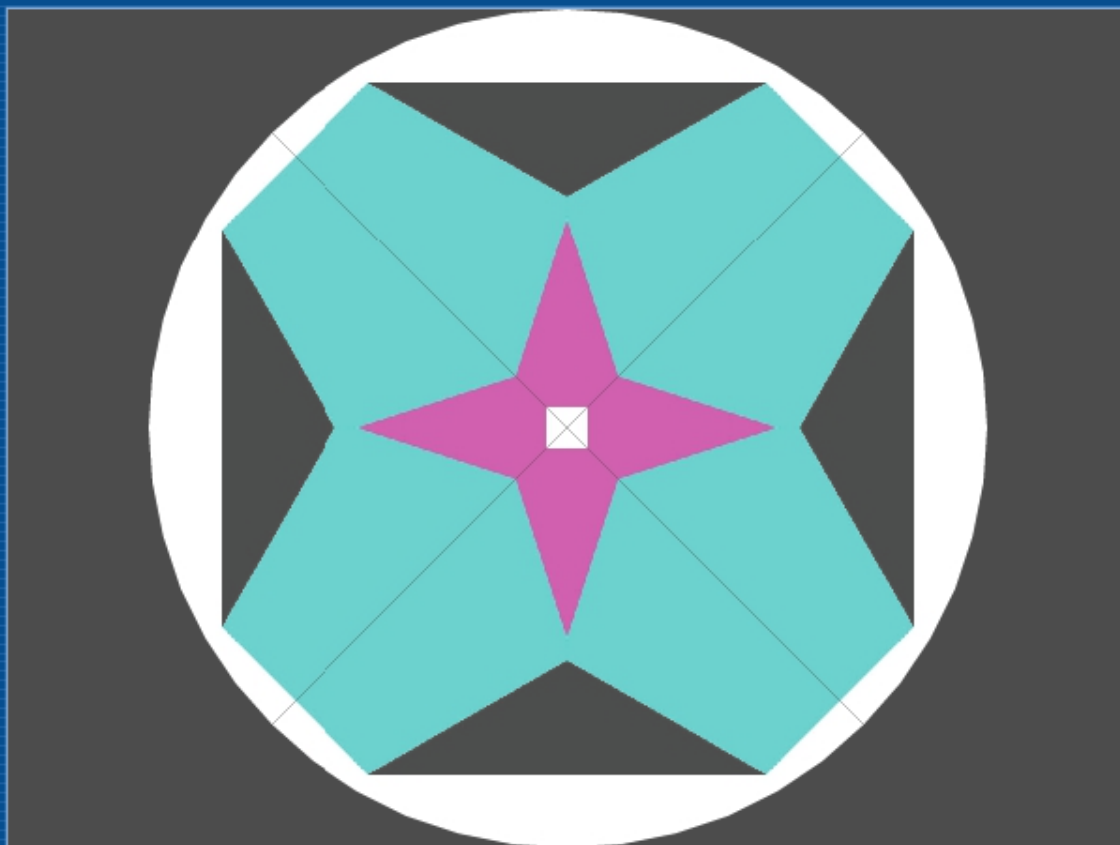
Give up



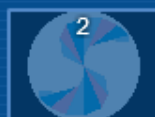
Add images



Back to
beginning



There aren't any
translations



Classifier of rosettes, friezes and patterns



1.



Submit
classification



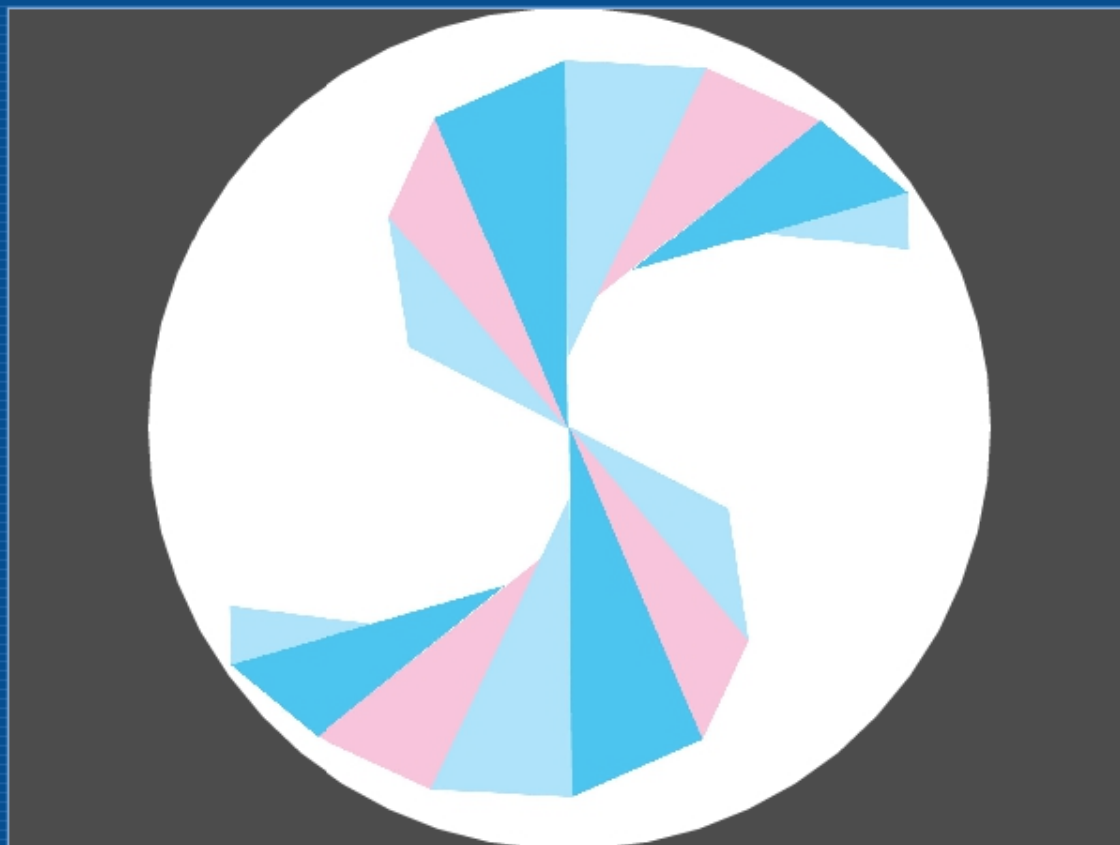
Give up



Add images



Back to
beginning



There aren't any
translations



Classifier of rosettes, friezes and patterns



1.



Submit
classification



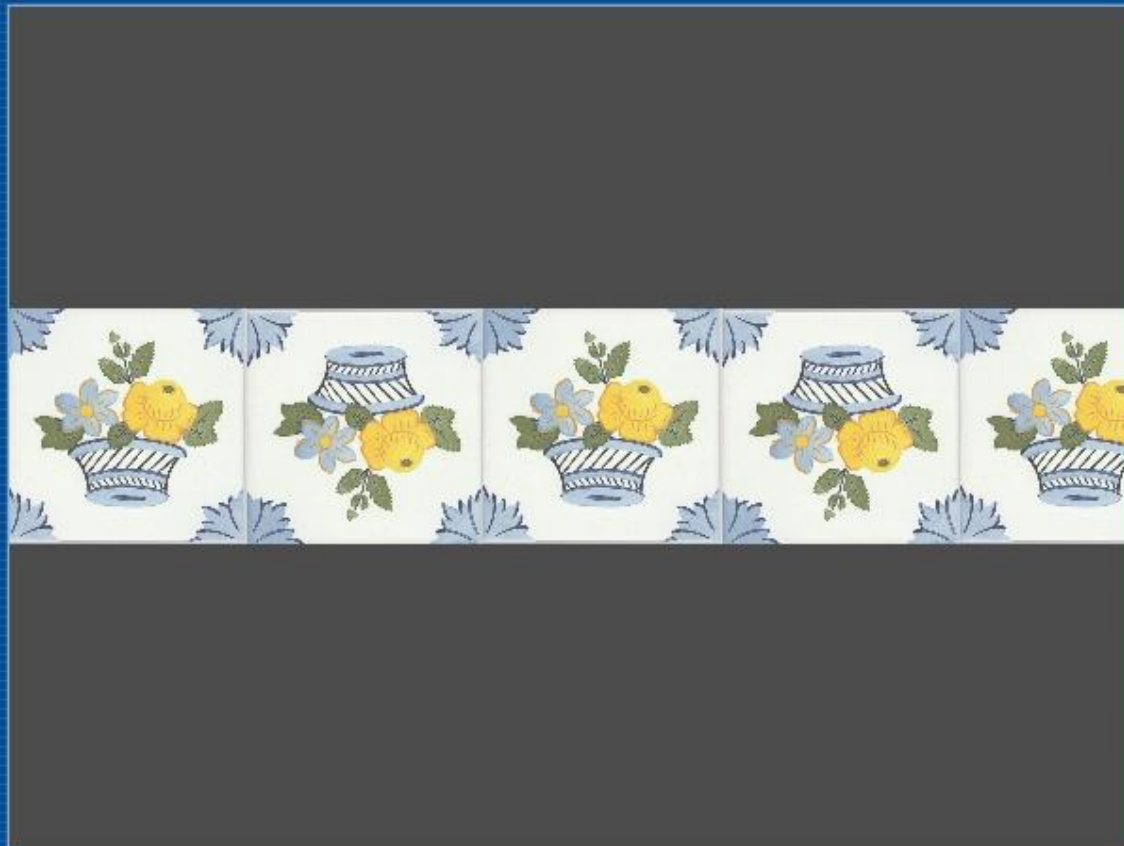
Give up



Add images



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beginning



There aren't any
translations



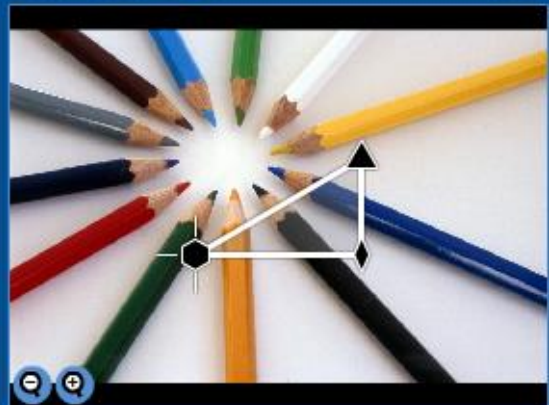
Generator of rosettes, friezes and patterns



Save the image



Back to beginning



Zoom



Export the image



Expand image



+632 D632 p6m



1

2



Generator of rosettes, friezes and patterns



Save the image



Back to beginning

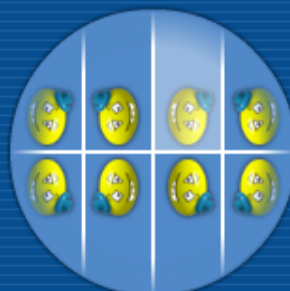


1

2



Create symmetries
(Generator)



What kind of
symmetry?
(Classifier)



Competition



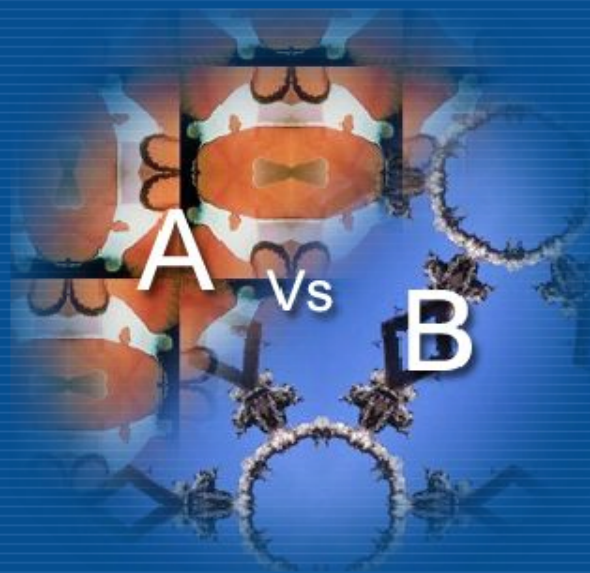
Look for
symmetries



Options



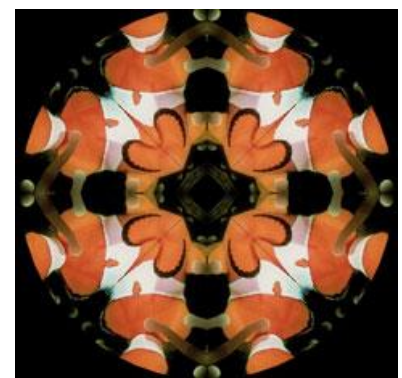
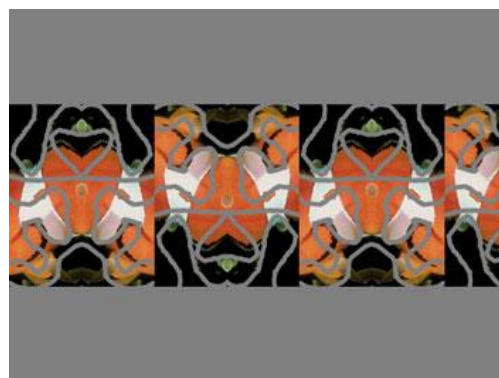
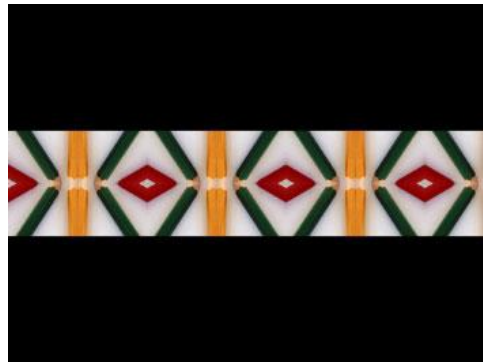
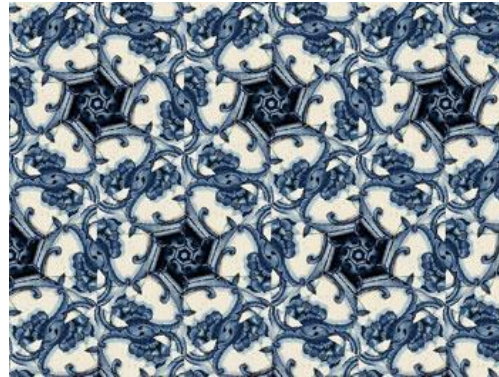
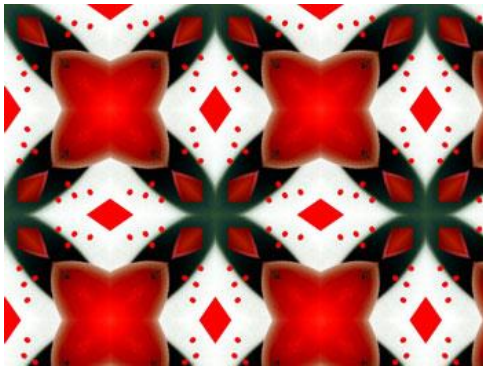
Support



- Description of the program
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 - 1 computer
 - 2 computers

1st International Competition

Portugal versus Italy





Organize new competitions

DVD “Simmetry, the dynamical way”





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