

PATTERN

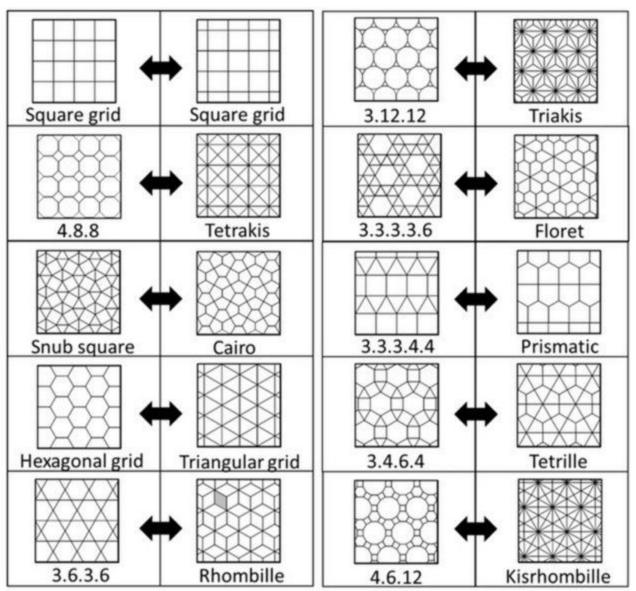


Generative Design Programming

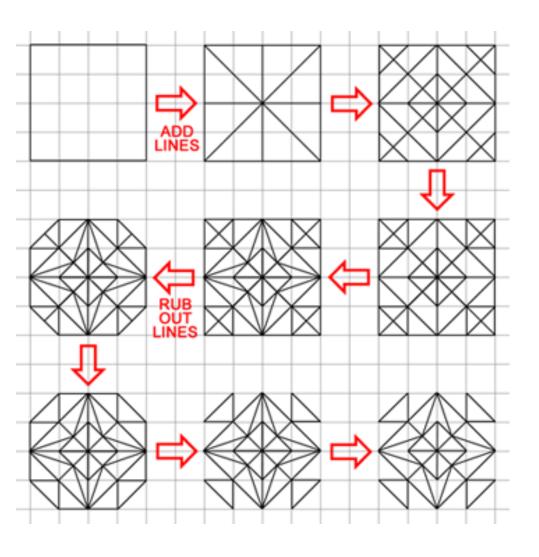
Mgr. art. Helena Lukášová, ArtD.



Tesselation is created when a shape is repeated over and over again covering a plane without any gaps or overlaps. Another word for a tessellation is a tiling.



Islamic Pattern



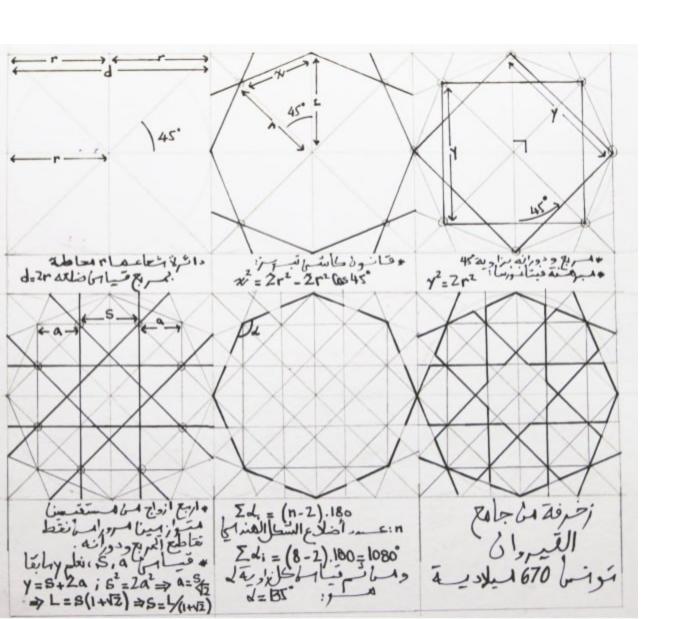
In Islamic culture very complex geometric patterns were created. We can admire them especially in architecture as tile walls and ceiling.

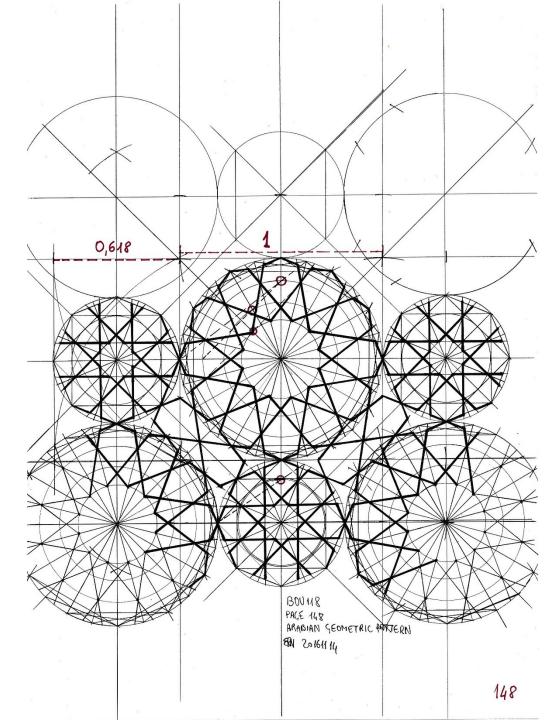
The abstract visual thining comes also from the Islamic rule not to depict

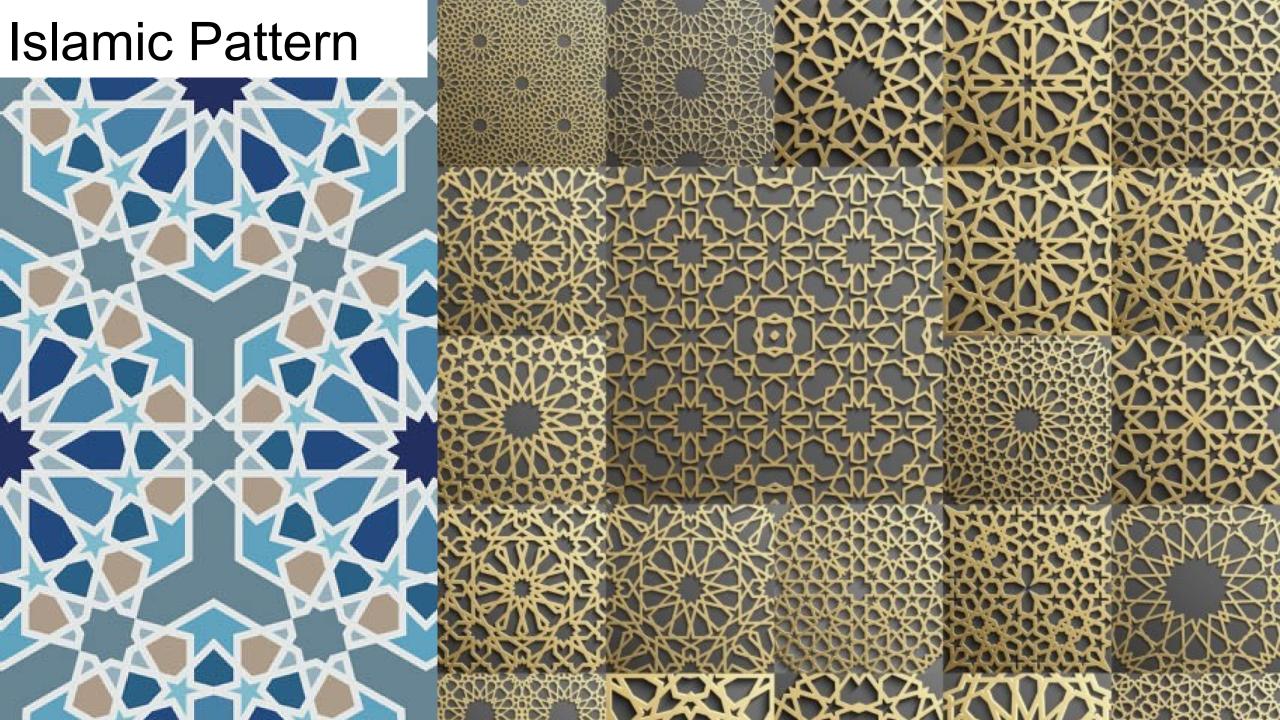
Allah. We do not see images of the real world in Islamic architecture.

The construction of the pattern is done with the straigh lines and circles.

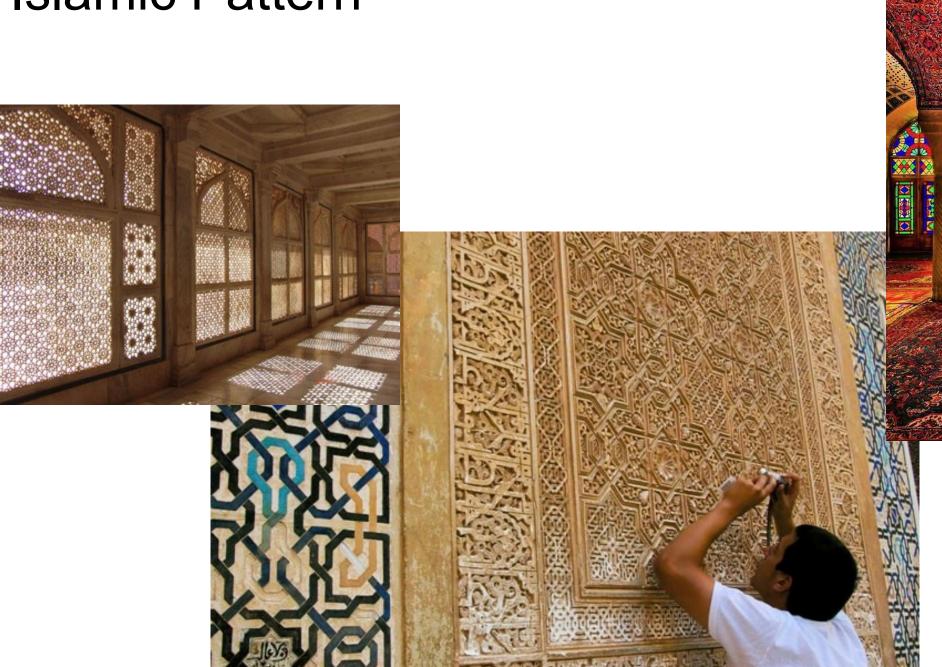
Islamic Pattern

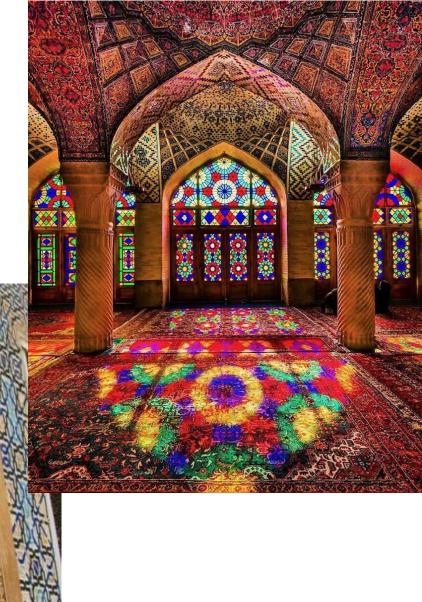


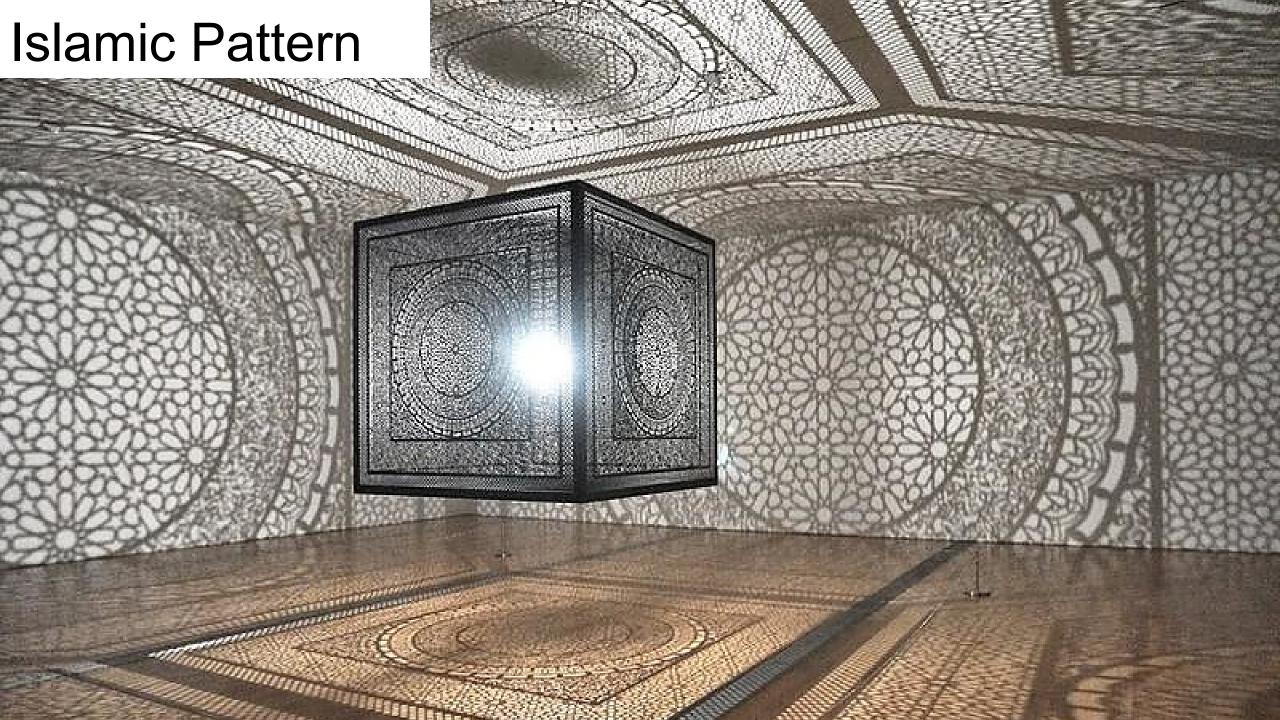


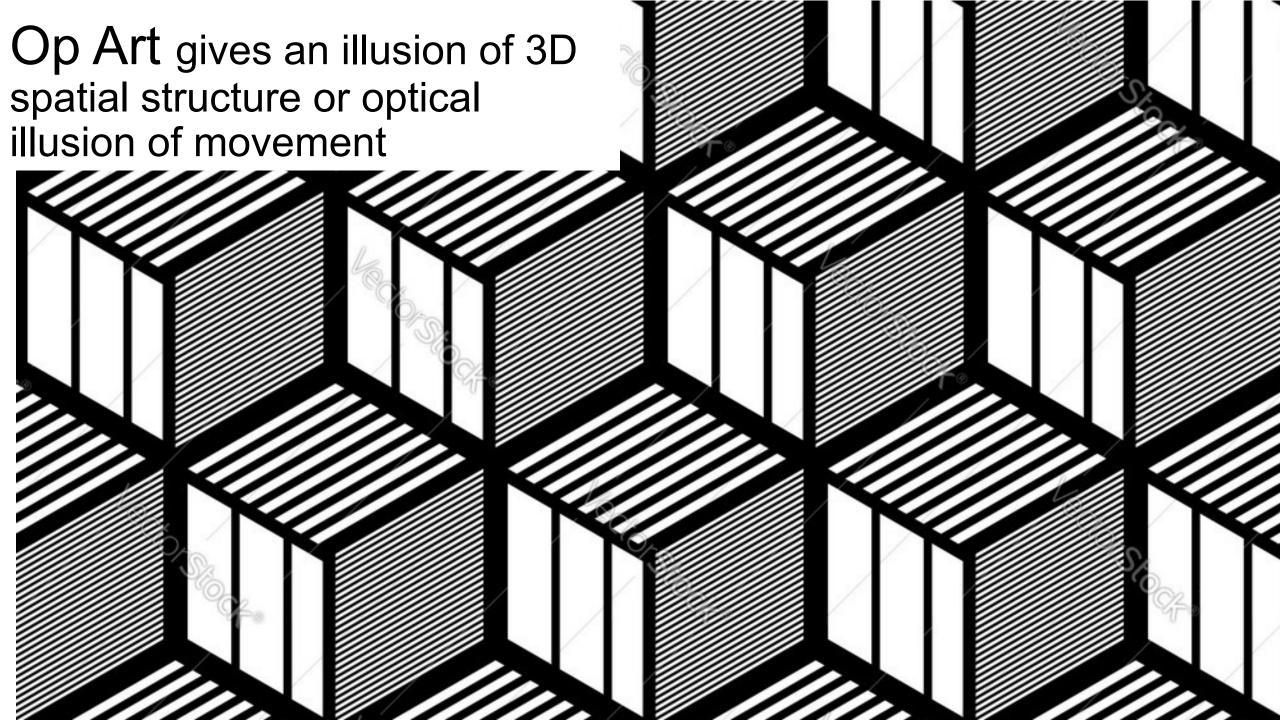


Islamic Pattern

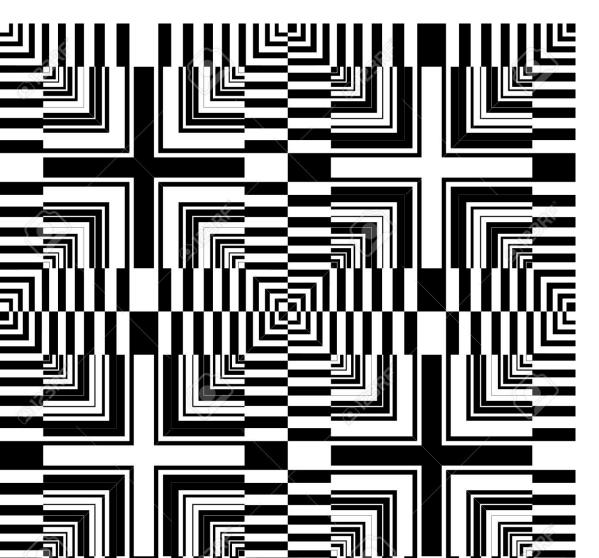


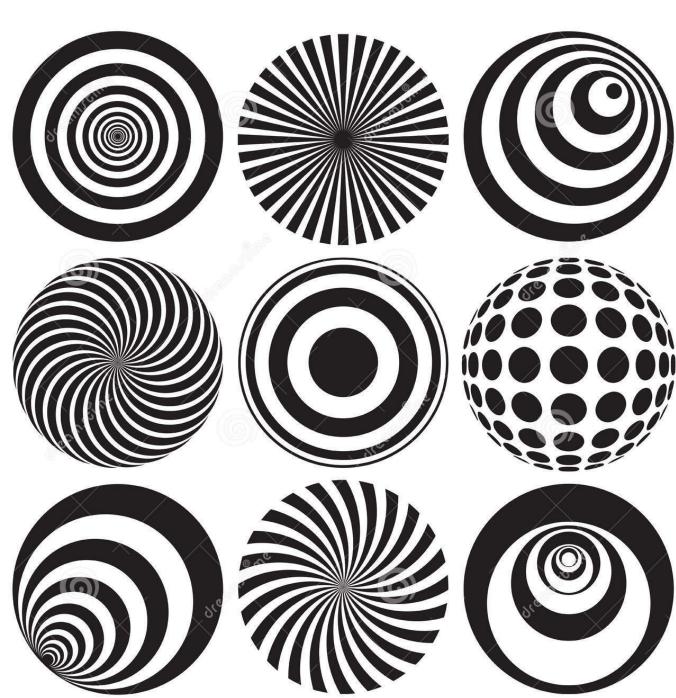




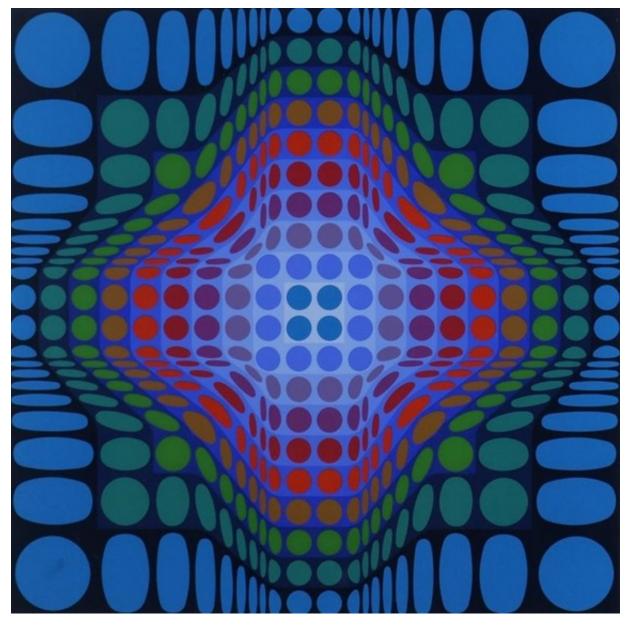


Op Art gives an illusion of 3D spatial structure or optical illusion of movement





Op Art





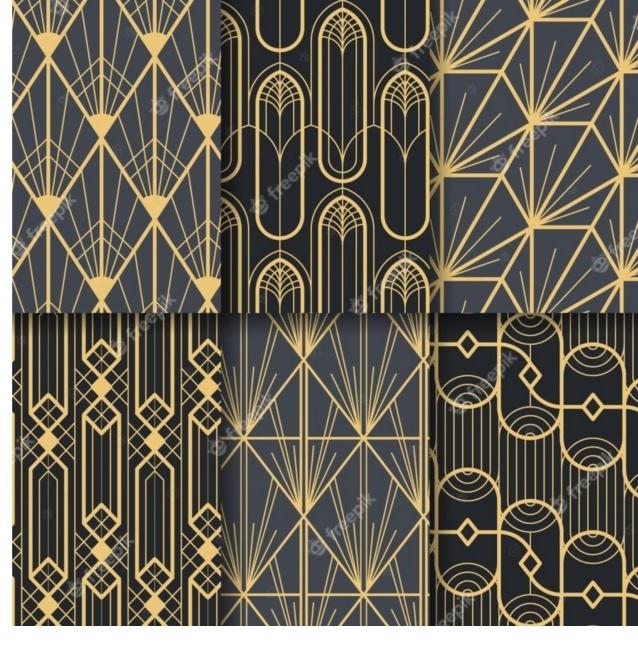
Victor Vasarely





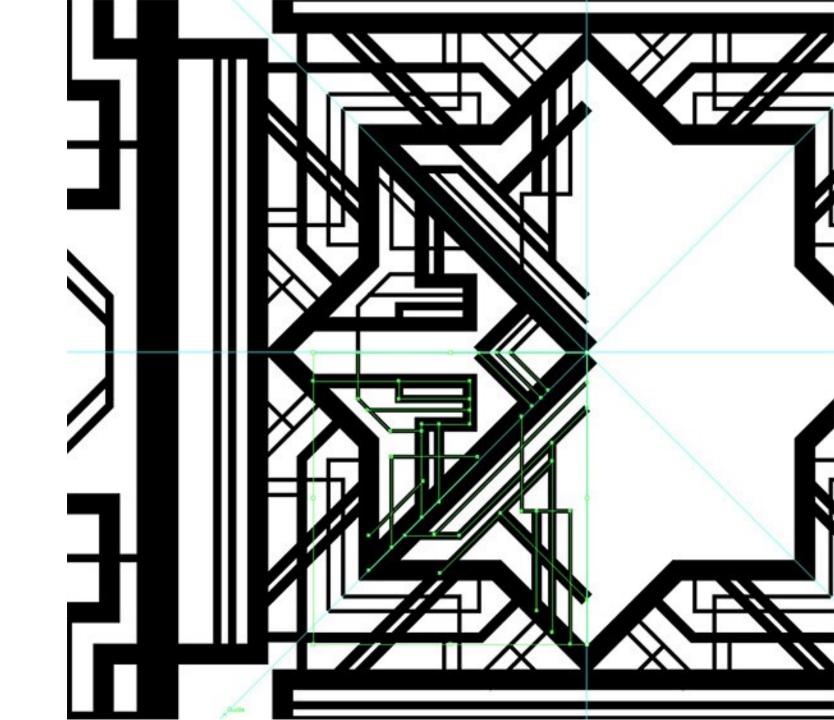
Art Deco Pattern





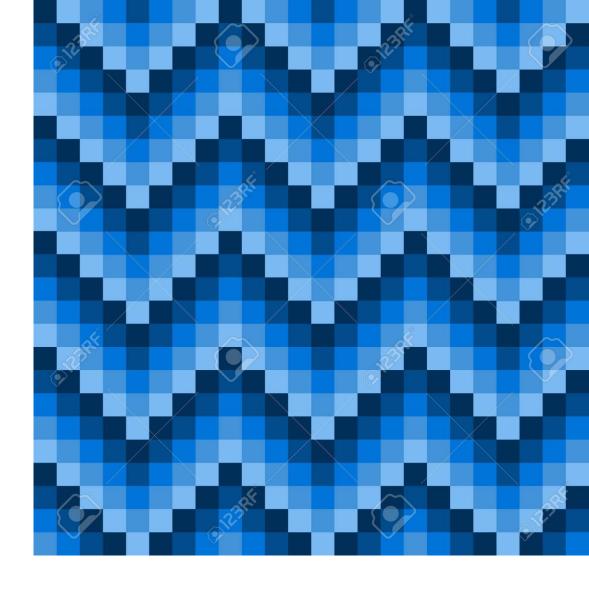
Art Deco Pattern

https://freepreset.net/howto-create-a-great-gatsby-styleart-deco-pattern.html

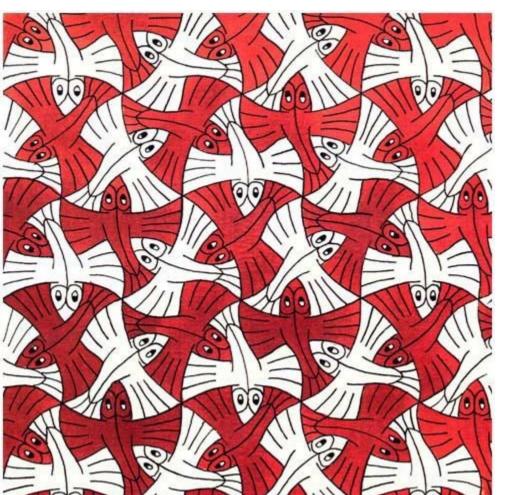


Grid Pattern





M. C. Escher Pattern





Procedurally Generated Pattern



https://www.behance.net/gallery/93361951/Procedurally-generated-patterns https://openprocessing.org/sketch/90957/

