



Symmetrical 2

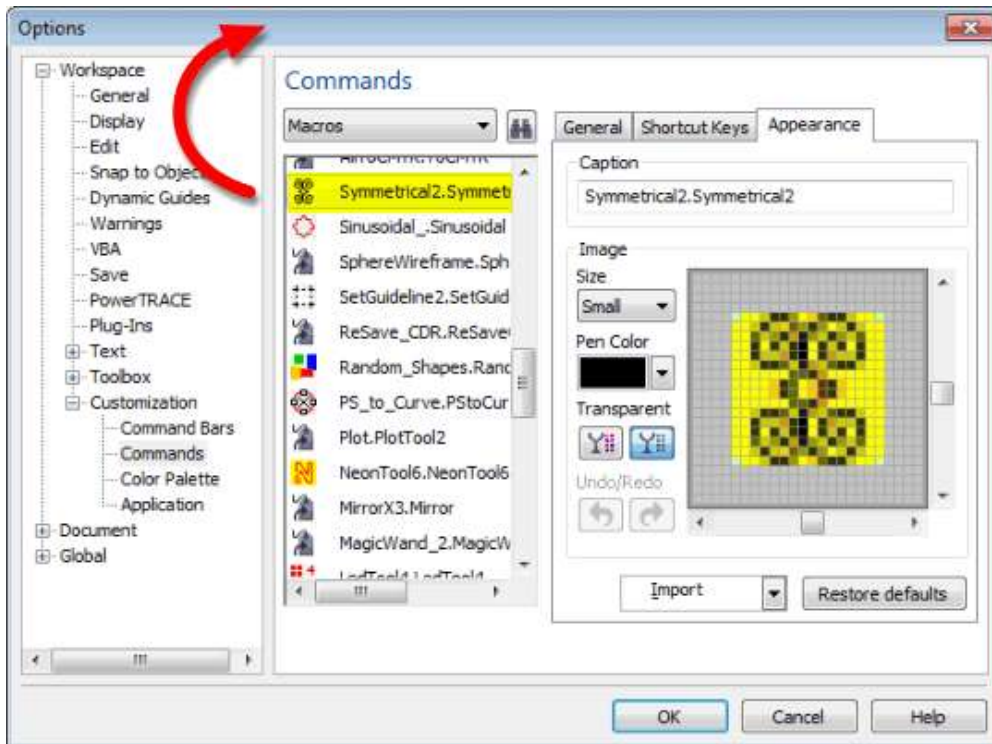
for

CorelDRAW X4/X5

(Required .NET Framework 2.0)


Installing

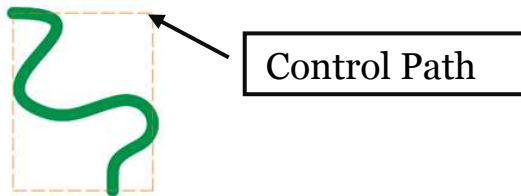
1. Launch the Symm_X4_setup.exe or Symm_X5_setup.exe.
2. Start or restart the CorelDRAW X4/X5.
3. Select in the Menu Bar: **Tools-Customization...**
4. In the opening Options select: **Customization - Commands.**
5. In the drop-down list select: **Macros.**
6. In the list of installed macros, search for the macro



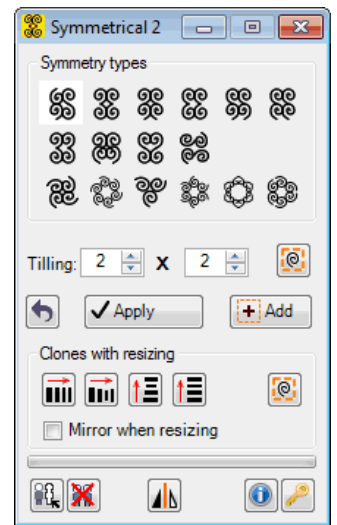
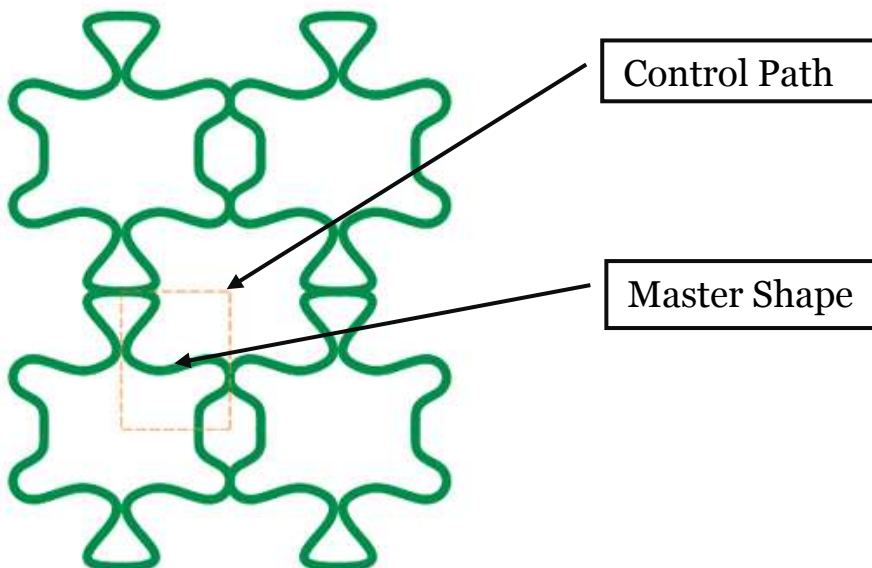
7. In the **Appearance** tab:
 - In the **Caption** field – you can adjust the name of the macros or to set it;
 - In the **Image** field – you can draw a button, or select from preinstalled, clicking on **Import**.
 - **Button Files ...** allows you to import a picture.
8. Drag the macro you want from the list to the toolbar and click **OK**.

How to work

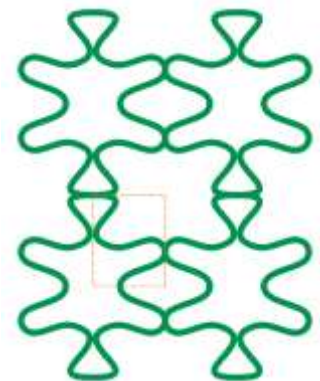
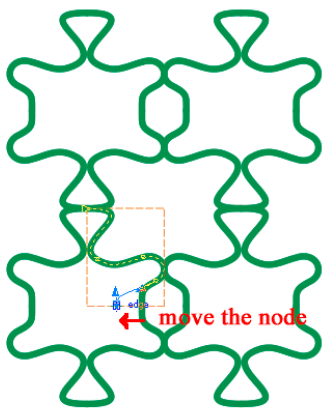
1. Choose a symmetry type.
2. Press on button “Control Path” 
3. Click with the cursor on page.
4. Draw a pattern fragment inside the Control Path.



5. Press on button “Apply”



Reflexion will be done relative to the edges of a Control Path.
You can move nodes of Master Shape and see the result.



How to find the Master Shape

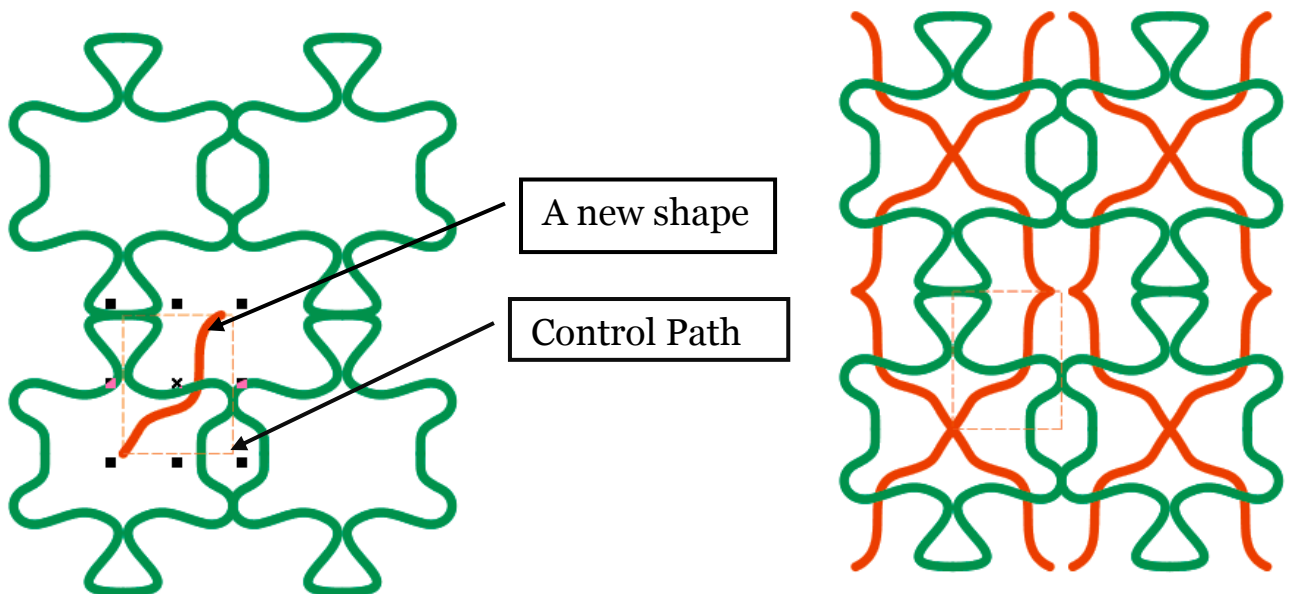
1. Select the shapes.
2. Press on button “Select Master” 

How to delete the information about Clones

1. Select the shapes.
2. Press on button “Separate clones” 

How to add a shape

1. Draw a new shape in Control Path.
2. Select the new shape and the Control Path and press on button “Apply”.



3. Or select the new shape and press on button “Add”

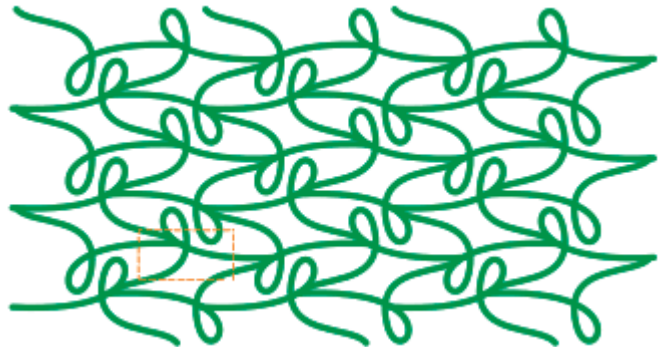
Different types of symmetry



Four double mirrors



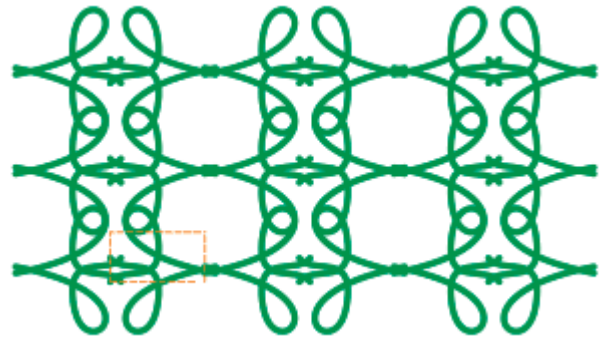
Tiling: 3x3



Four mirrors



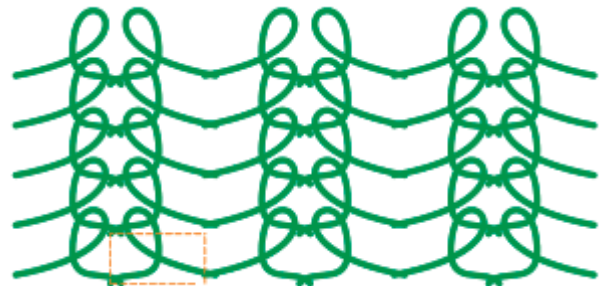
Tiling: 3x3



Horizontal reflection



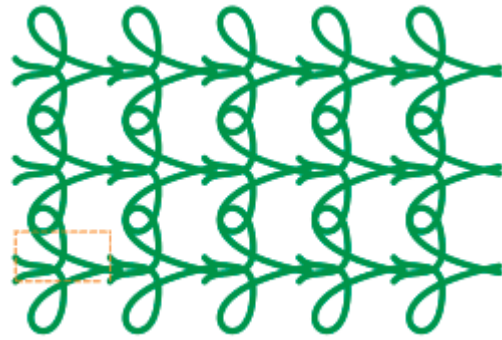
Tiling: 3x5



Vertical reflection



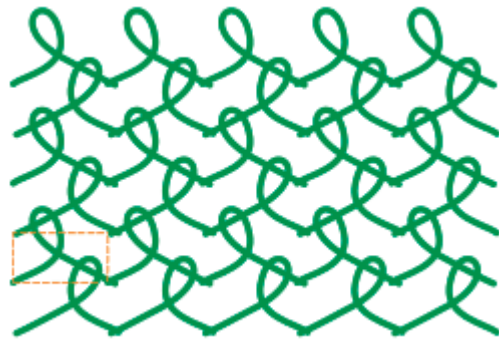
Tiling: 5x3



Vertical double mirrors



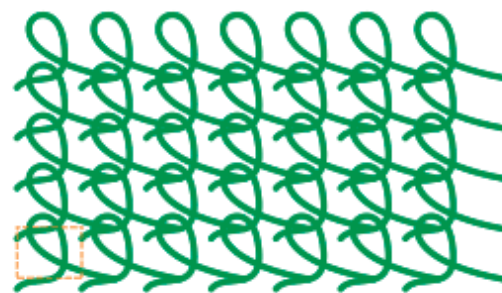
Tiling: 5x3



Simple Shift



Tiling: 7x5

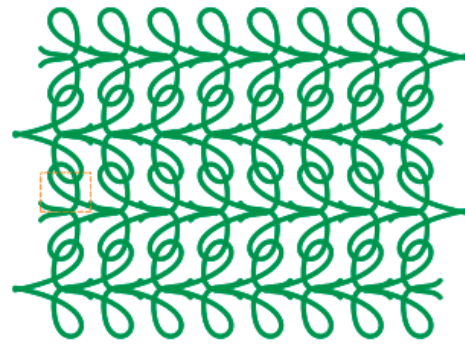




Vertical & horizontal mirrors



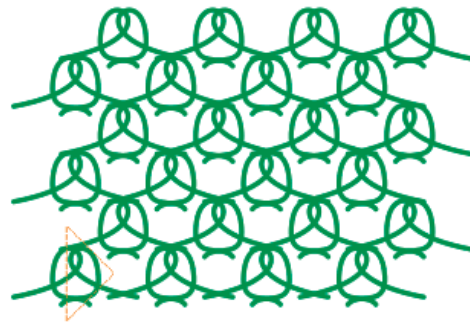
Tiling: 8x2



Horizontal reflection with displacement



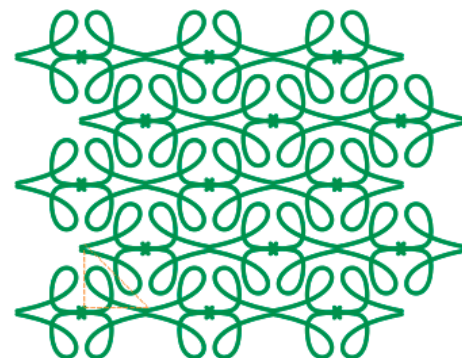
Tiling: 4x6



Four mirrors with displacement



Tiling: 3x5

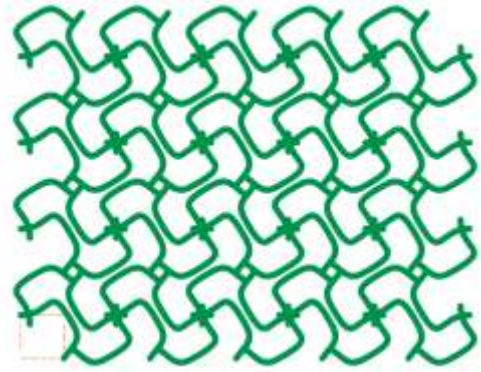




Pinwheel



Tiling: 5x4

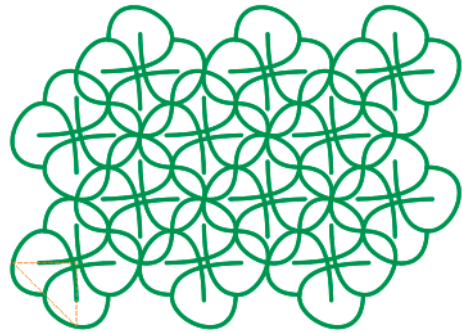


Four rotations



Tiling: 3x4

Rotation center

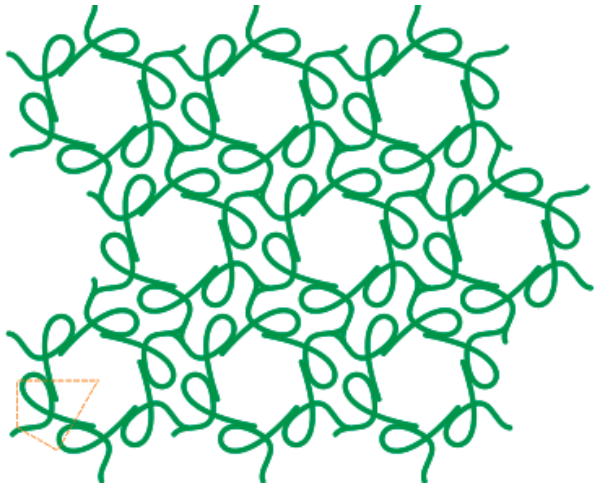


Six rotations



Tiling: 3x3

Rotation center





Three rotations



Tiling: 3x6

Rotation center

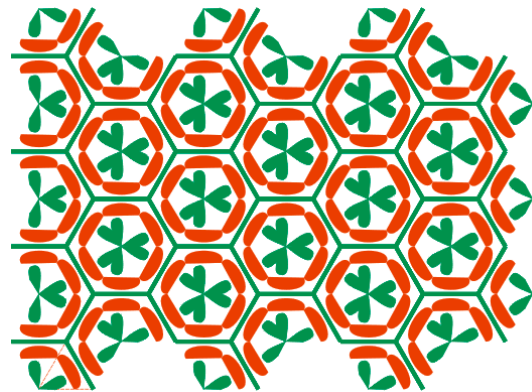


Three rotations & mirrors



Tiling: 3x7

Rotation center

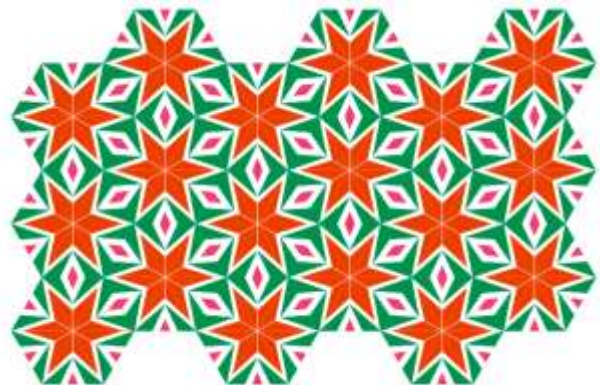


Six rotations & mirrors



Tiling: 3x6

Rotation center



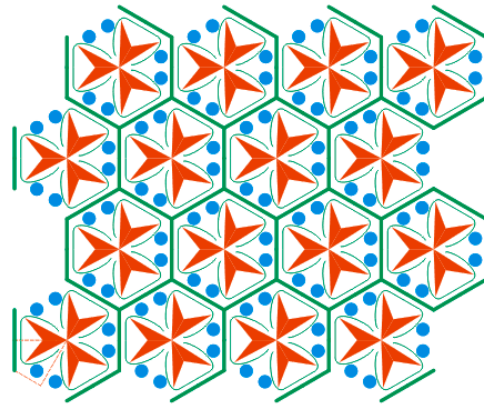


Three rotations, mirrors & displacement



Tiling: 3x6

Rotation center



Examples

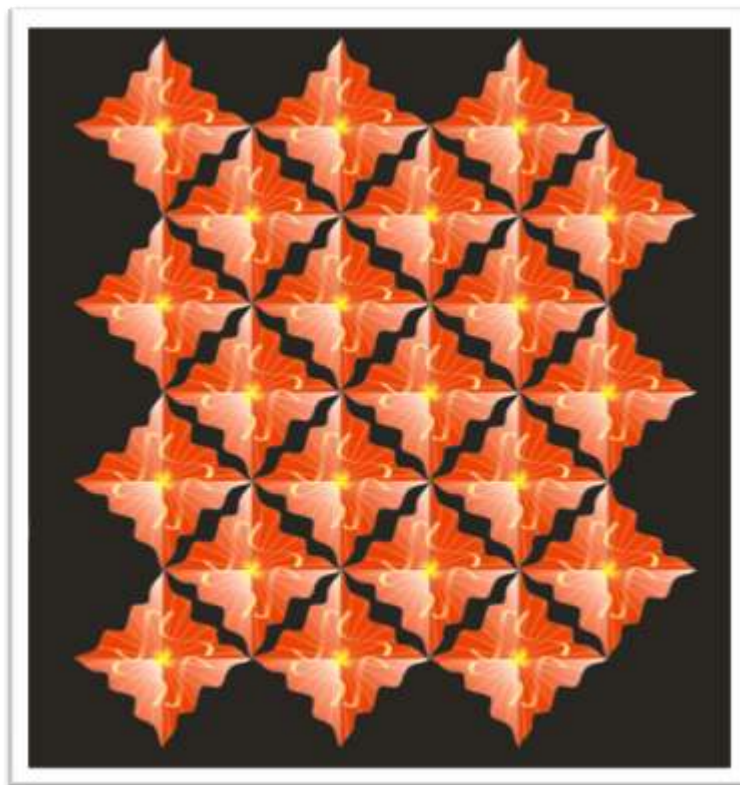


Illustration 1

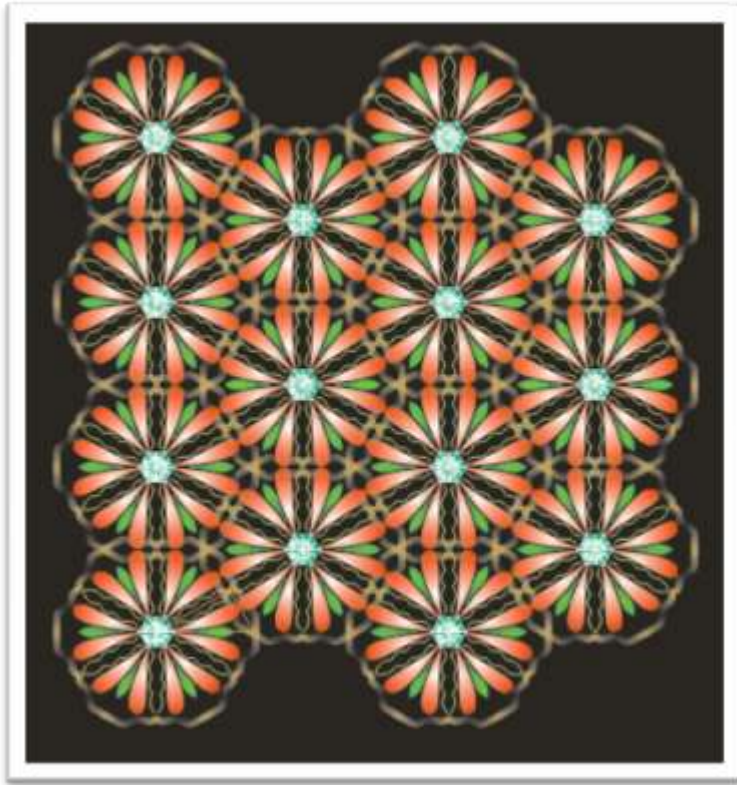


Illustration 2

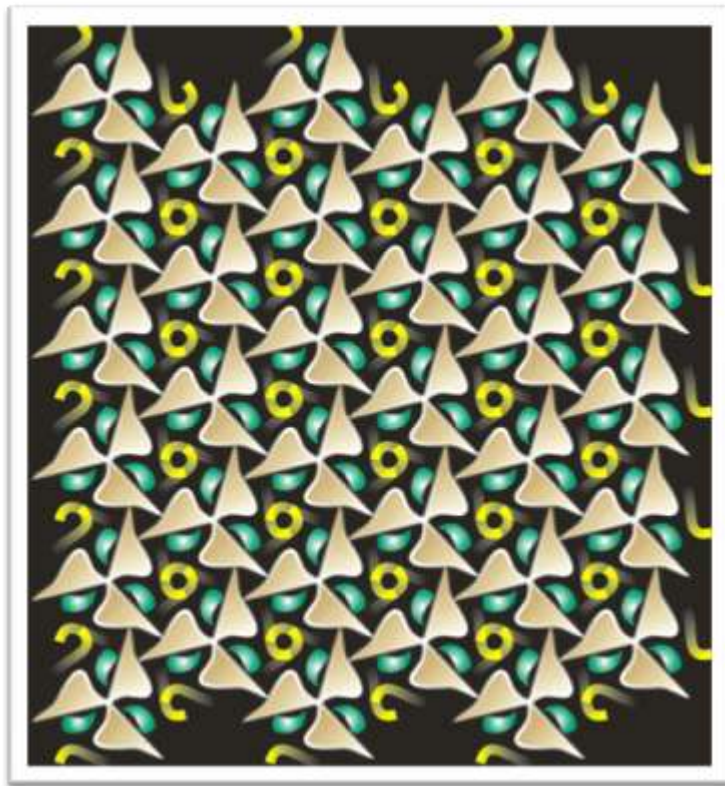


Illustration 3

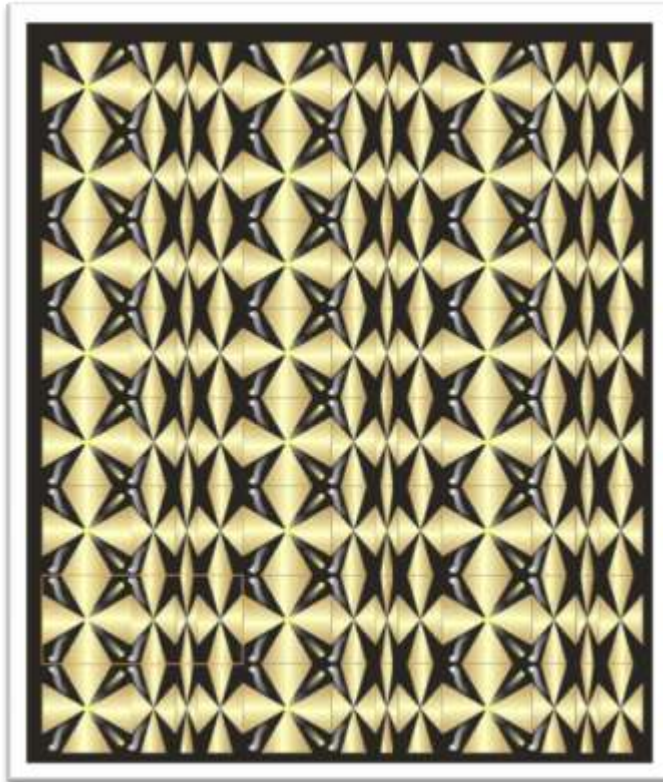


Illustration 4

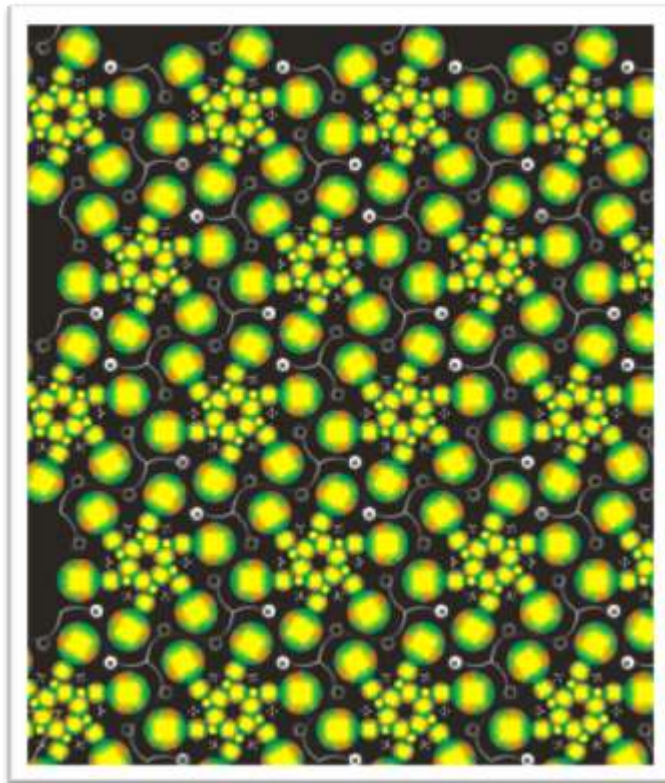


Illustration 5