

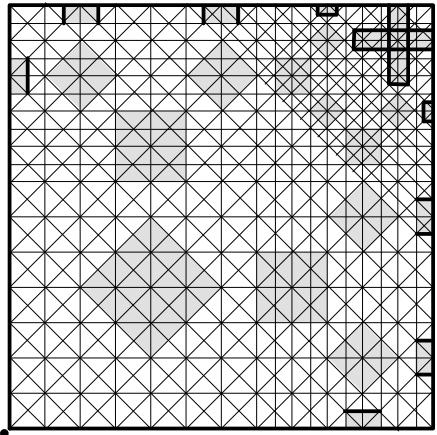
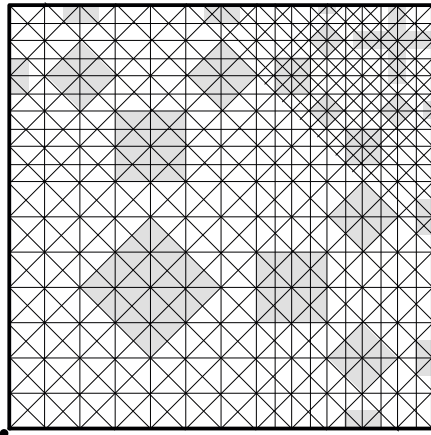
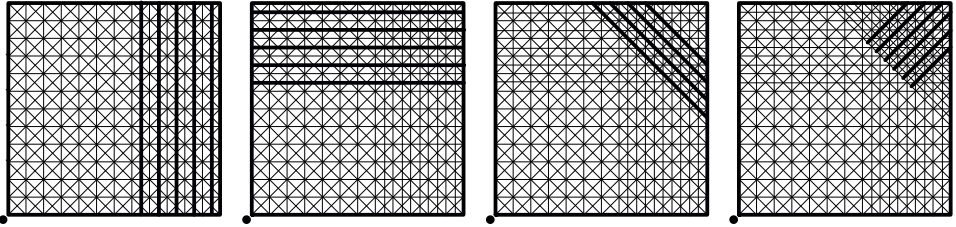
Pythagoras Tessellation

(part)

Design: Frank van Kollem
 Diagrams: Paula Versnick
 © 2018

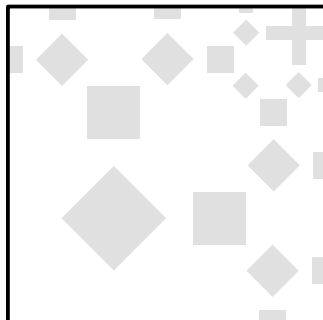
All folds should be mountain and valley, unless otherwise stated.

Divide the paper in 12th and put in all the diagonals. Furthermore add these folds:

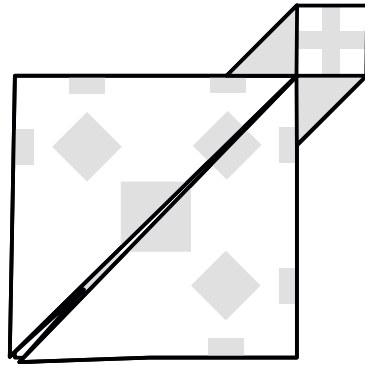
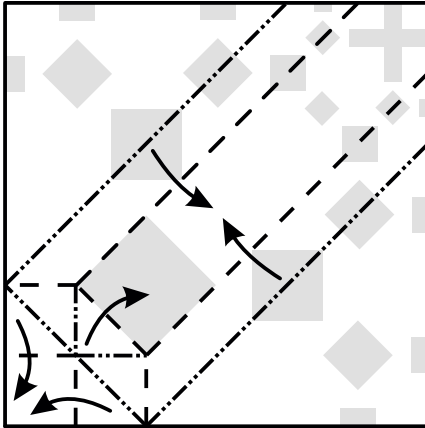


Valley folds only

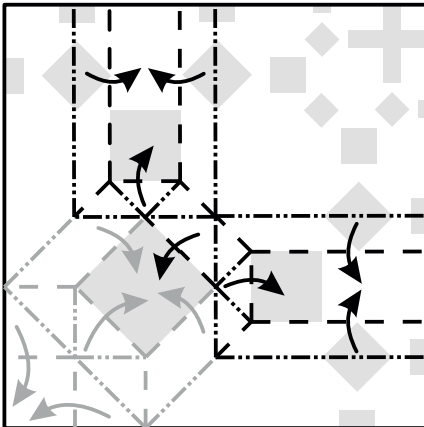
To keep track of where you are in the next steps, you can mark the gray areas. Begin with the biggest square on the left bottom. They will be at the inside of the model.



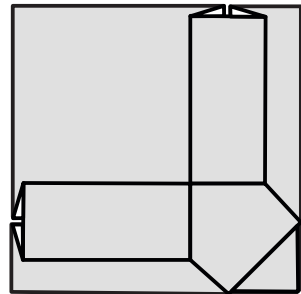
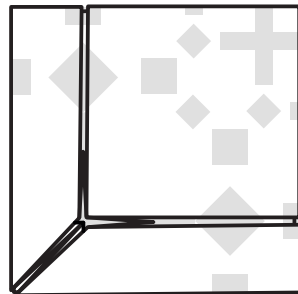
Pythagoras Tessellation (part)



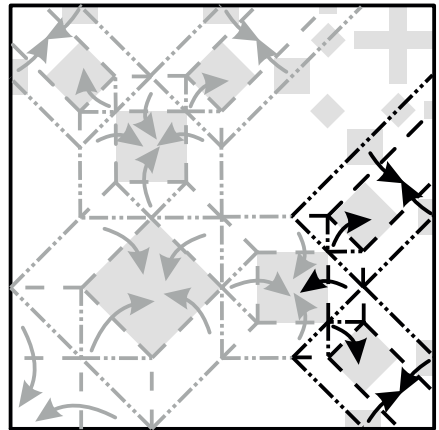
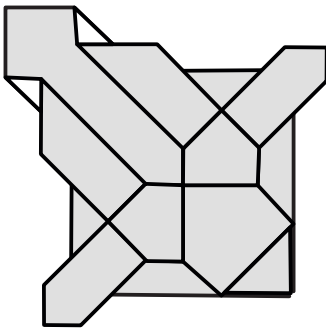
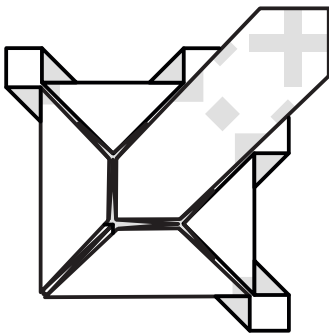
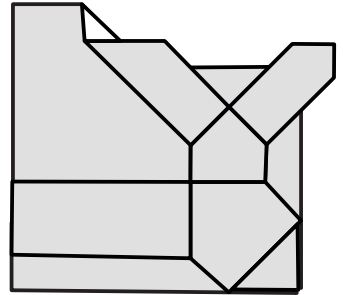
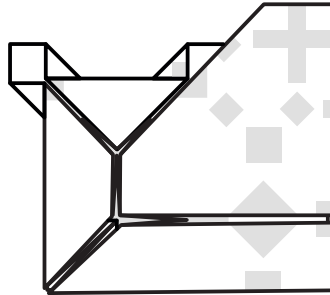
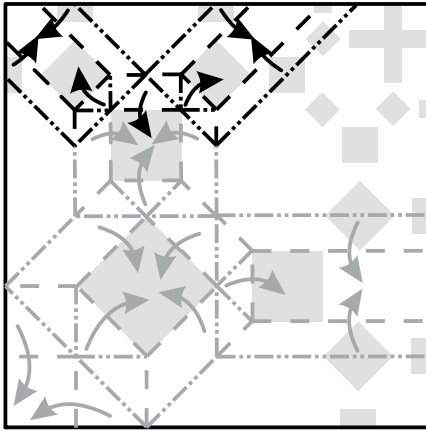
Repeat this in a smaller scale, 2 at the same time.



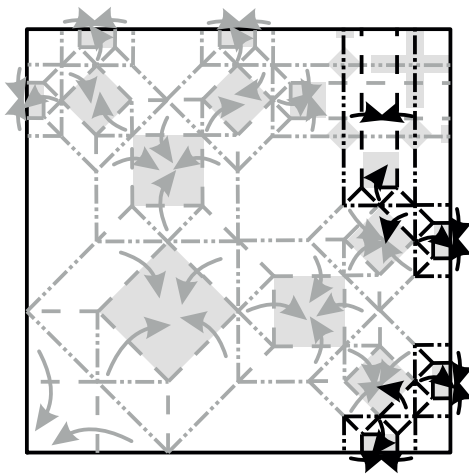
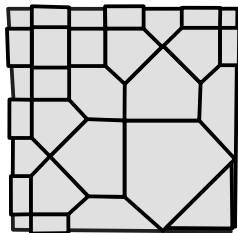
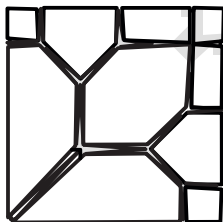
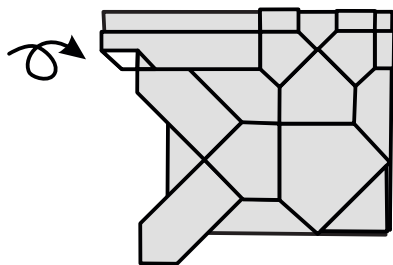
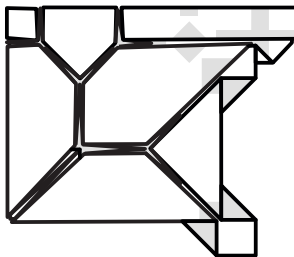
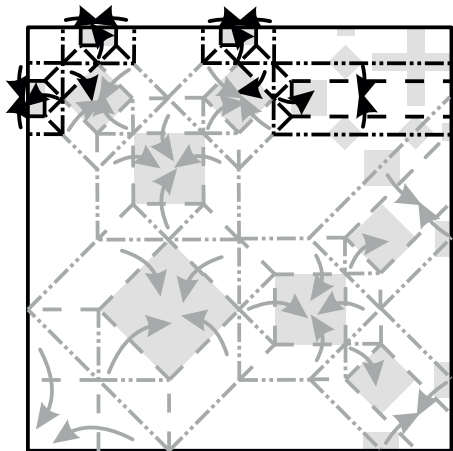
Split the "tree" into two "branches"



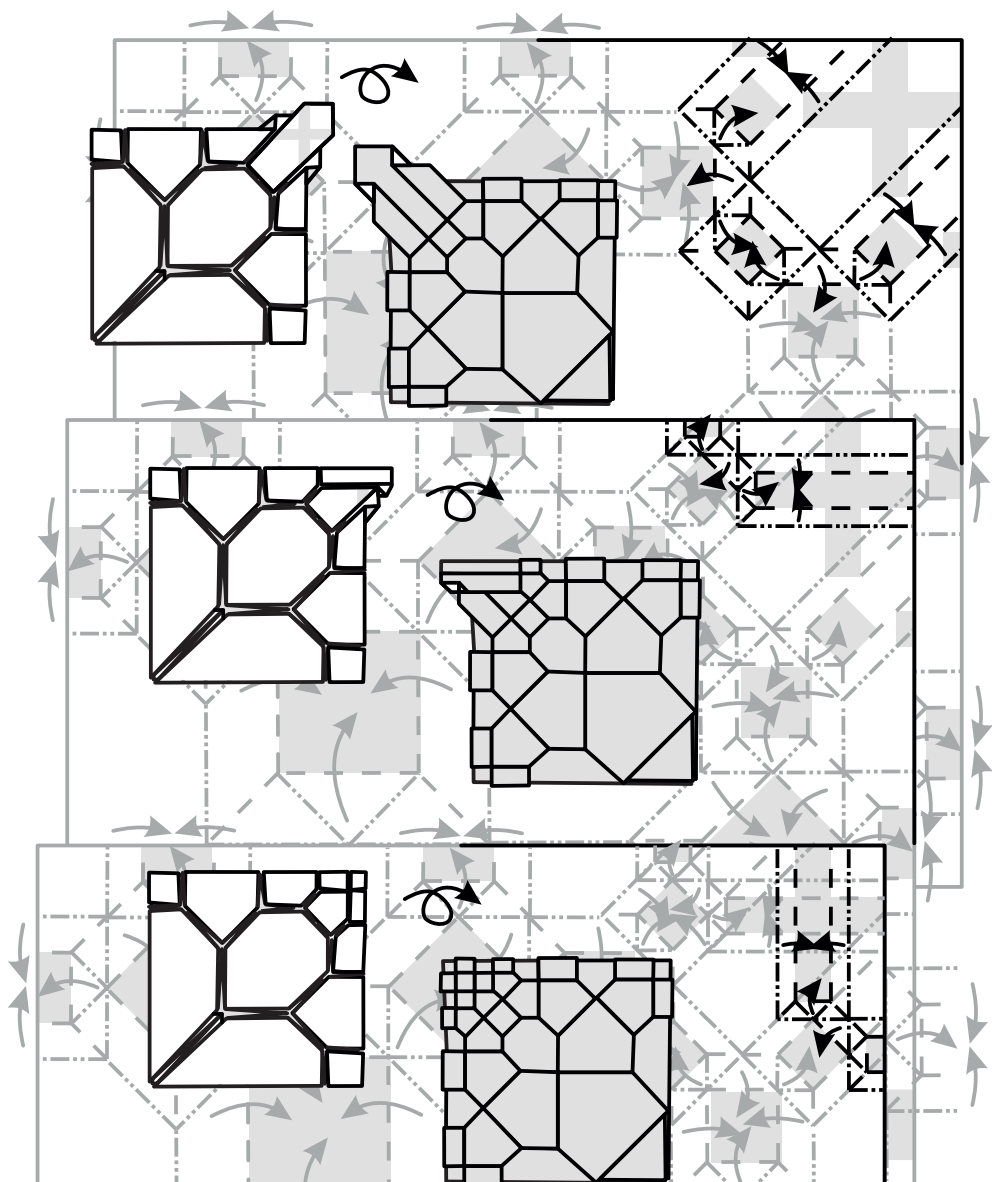
Pythagoras Tessellation (part)



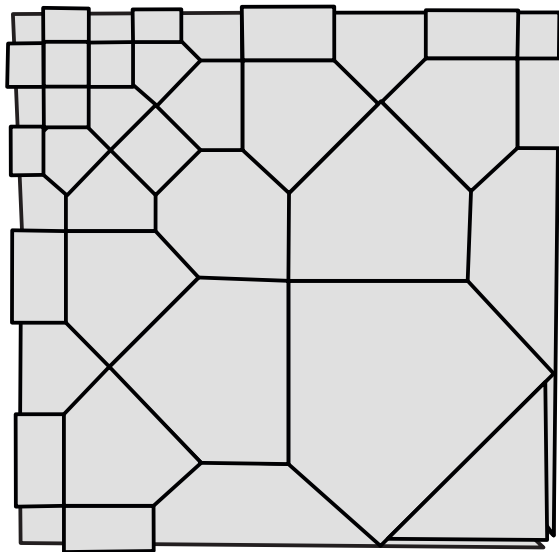
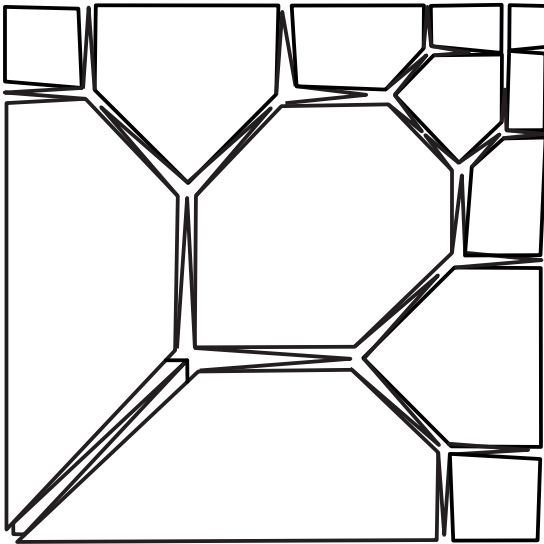
Pythagoras Tessellation (part)



Pythagoras Tessellation (part)



Pythagoras Tessellation (part)



Pythagoras Tessellation

Crease Pattern

Design: Frank van Kollem
CP: Paula Versnick

© 2018

This is a Crease Pattern for the complete Pythagoras Tree.
In the diagrams I explain only the yellow part.
You need to precrease the grid, 64x64, with half of the diagonals.
Furthermore you have to precrease the red lines.
The smallest folds I don't precrease, of course you can if you like.
The folds you need to collapse are in bold black.

