Cuts in Origami:
Shouldn't Make the Cut
or Cutting-Edge Technology?

by Hubert Villeneuve
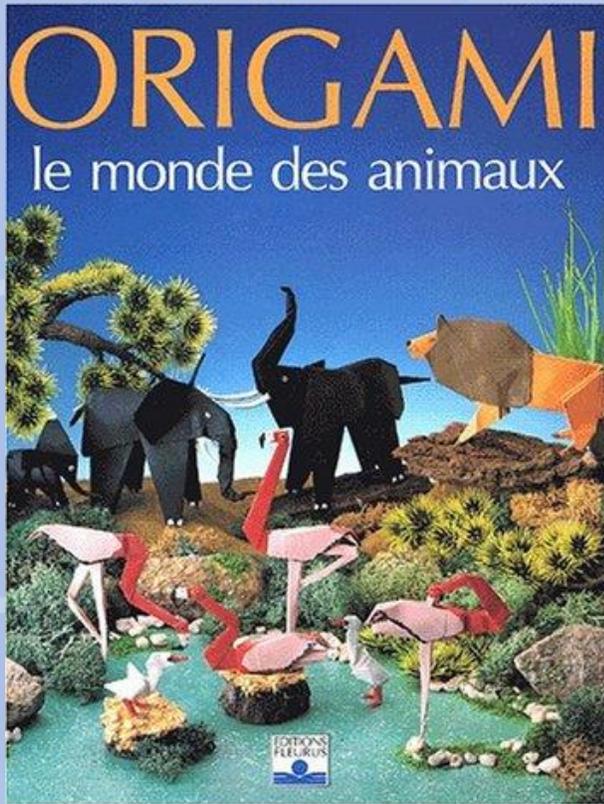
Traditional Models

Connected Cranes, Horse, Whale and Samurai Helmet/Goldfish

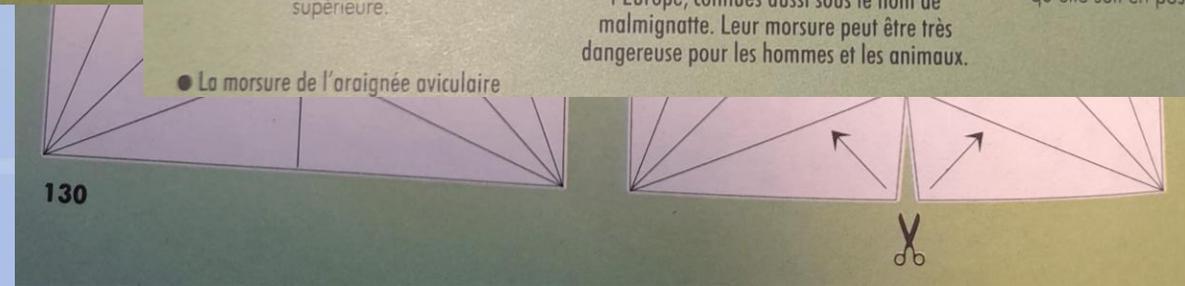# Modern Models

Origami Animals
Hector Rojas - 1991

La tarentule

● Toutes les araignées sont des carnivores : avec leurs sécrétions, elles immobilisent leurs victimes, [...] leurs filets ou déroulent [...] elles tapissent aussi parfois [...] couche de colle.

31.
Découper [...]
pointe comm[...]
le schéma et [...]
les deux cô[...]
jusqu'au ce[...]

46.
Découper la tête comme sur le schéma. Découper les deux pointes dépliées de façon à ce qu'on ne puisse ouvrir jusqu'au centre que la couche supérieure.

● Les araignées les plus venimeuses sont les veuves noires d'Amérique et du Sud de l'Europe, connues aussi sous le nom de malmignatte. Leur morsure peut être très dangereuse pour les hommes et les animaux.
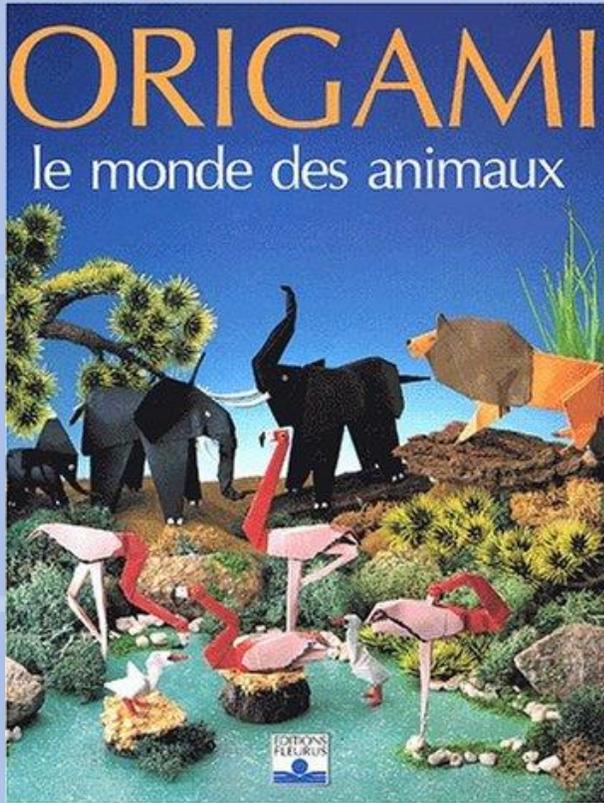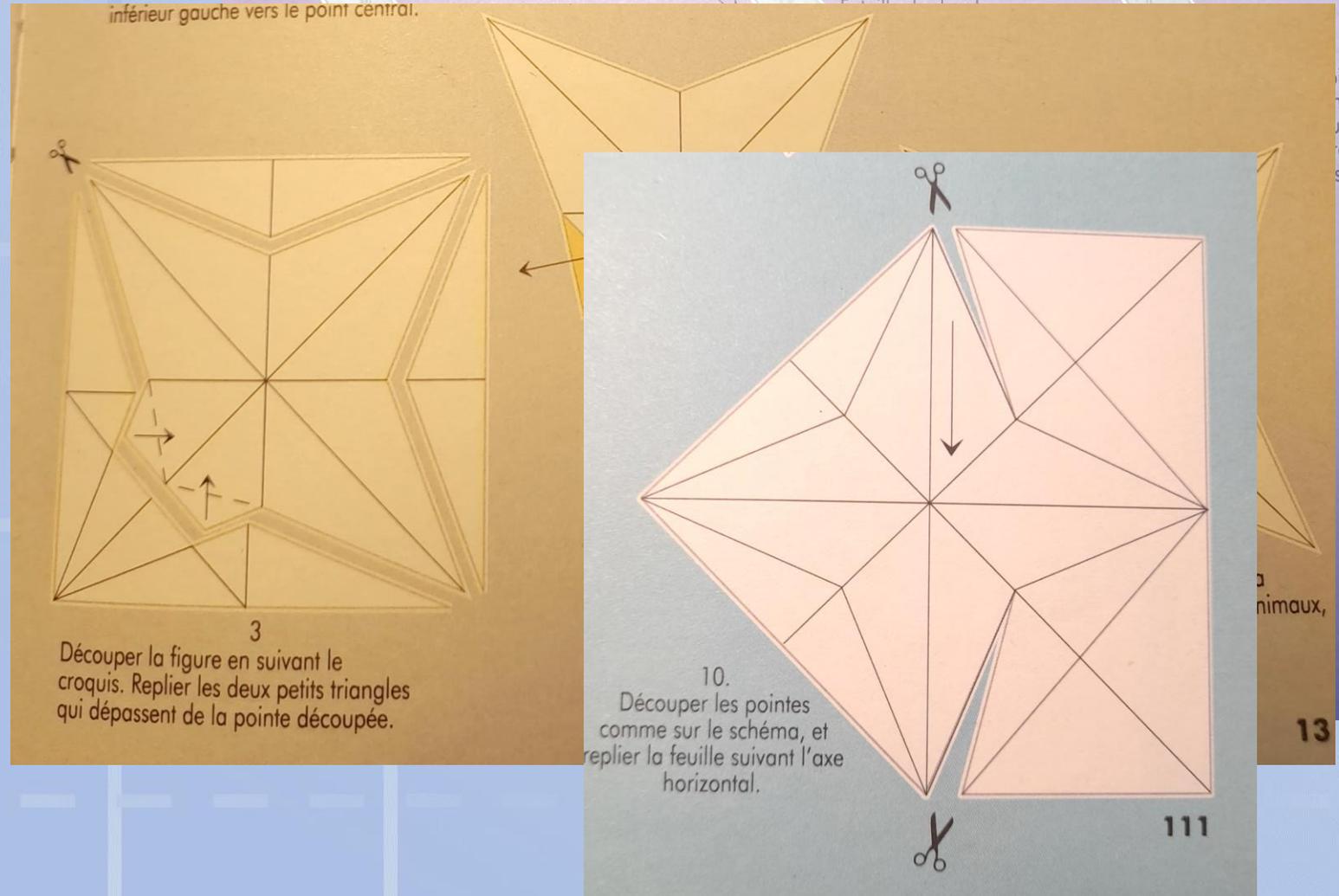
● La morsure de l'araignée aviculaire

47.
Replier les antennes ainsi réalisées comme sur le schéma et les recourber vers l'intérieur. Replier les deux pointes qui restent comme on l'a fait pour les pattes. Découper la partie arrière comme sur le schéma et la replier jusqu'à ce qu'elle soit en position horizontale.

130

Modern Models

ORIGAMI
le monde des animaux

EDITIONS FLEURUS

Origami Animals
Hector Rojas - 1991

inférieur gauche vers le point central.

28.

3
Découper la figure en suivant le croquis. Replier les deux petits triangles qui dépassent de la pointe découpée.

10.
Découper les pointes comme sur le schéma, et replier la feuille suivant l'axe horizontal.

13

111

4

Today's Opinions

Questions asked to Origami-Dan Discord server in 2021: ->How do you feel about using cuts in origami? Would you be willing to use them yourself?

- "Personally I wouldn't do it because people are more impressed when you tell them no cuts"
- "It's just that some may consider it as paper craft or some form of impure origami"
- "Cuts take away from the public's perspective of origami, as if some people have even a few cuts in the fold, everyone will start to assume that people use cuts all the time"
- "I find cuts take away the fun and complexity of origami"
- "[...] if cuts were to be used, even if it were just to add detail, it would take away some of the challenge and elegance of origami."
- "I ABSOLUTELY DONT' cut in origami! Unless the diagrams ask me to do so, in which case I do"

Today's Opinions

Questions asked to Origami-Dan Discord server in 2021: ->How do you feel about using cuts in origami? Would you be willing to use them yourself?

- "Ban scissors"
- "Disgusting!"
- "No"
- "ILLEGAL"

- "The only cuts that would be made is on someone's throat if they did that while im around."
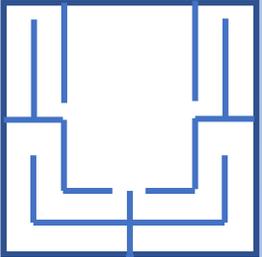
CONSENSUS:
Don't care if others use cuts, but I never will

Opinion on Cuts
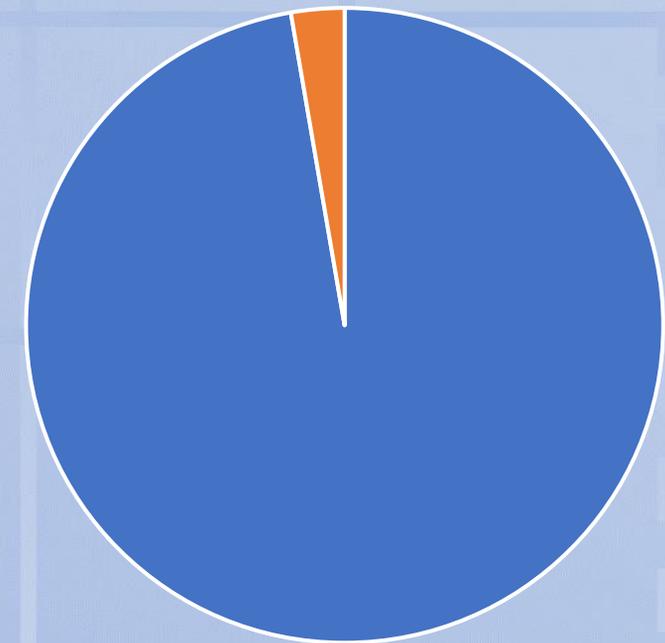
■ Anti-Cuts   ■ Pro-Cuts
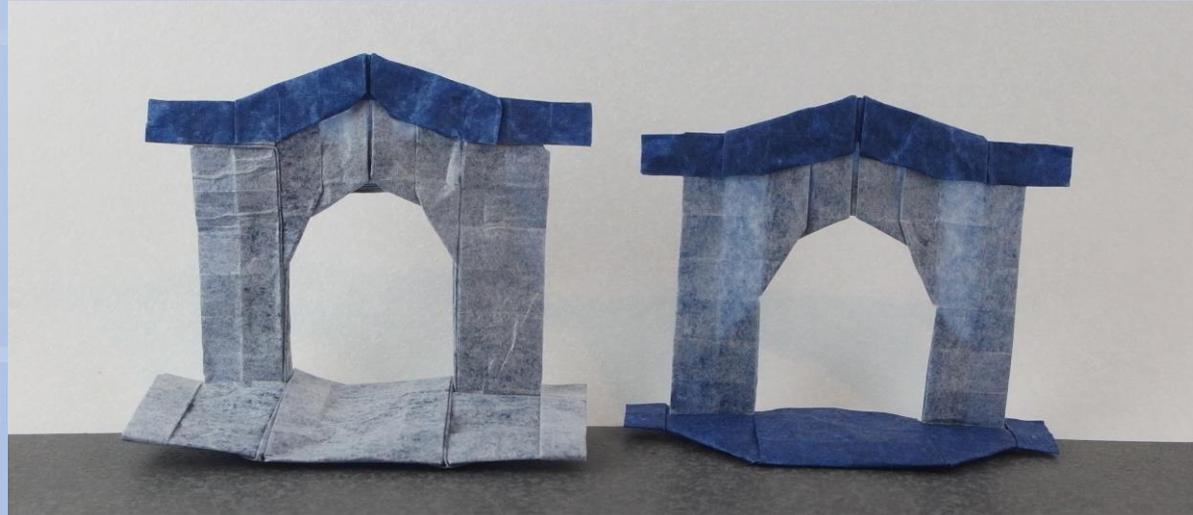
Point of No-Return

Mummy - 2018

Sarcophagus – 2010
Mummy - 2018

Exploration

Dealer - 2021

Manipulator - 2019

Improvement Tool
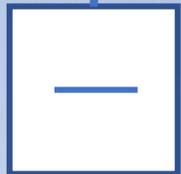

No cut
24x48
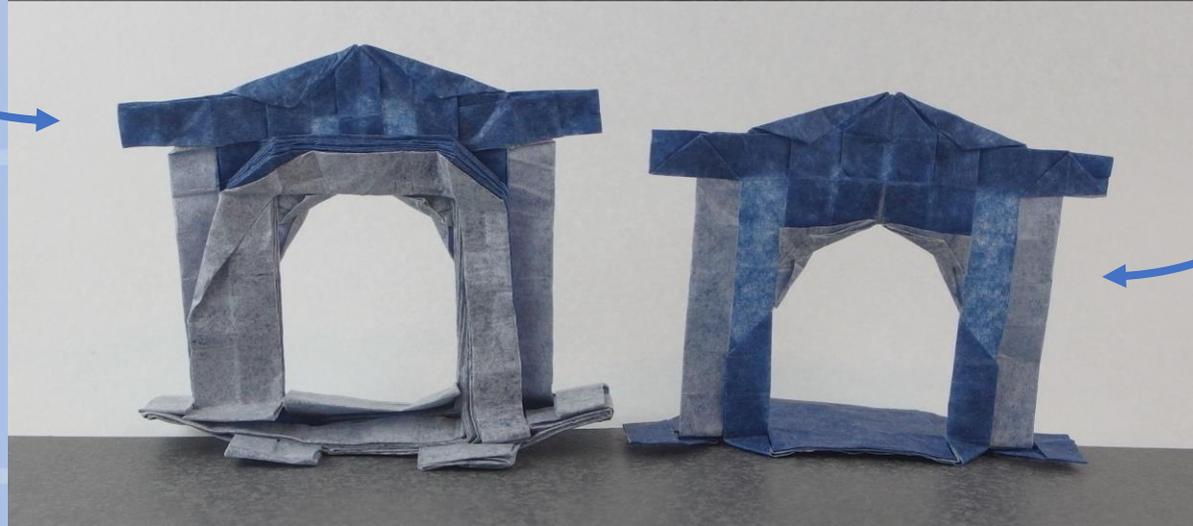
One cut
18x18
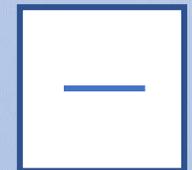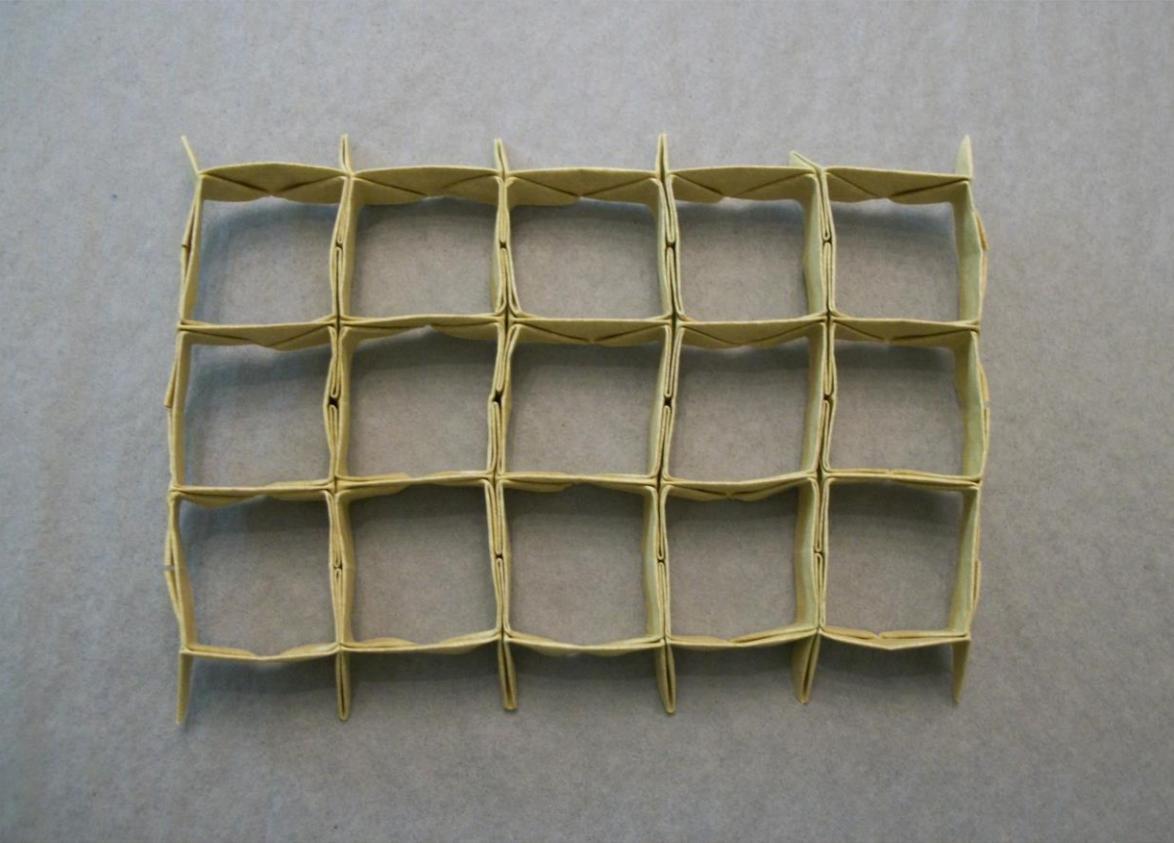
Arch - 2022

Objects

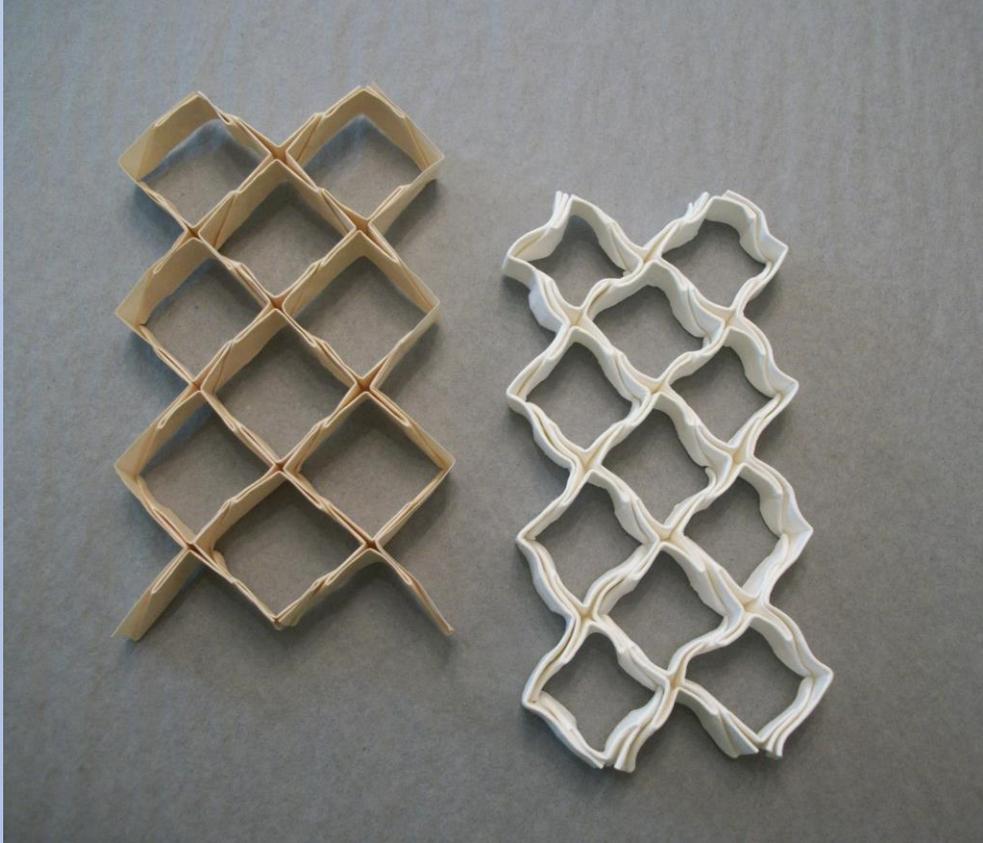Key - 2022

Crown - 2021

Glasses - 2021

Scissors - 2022

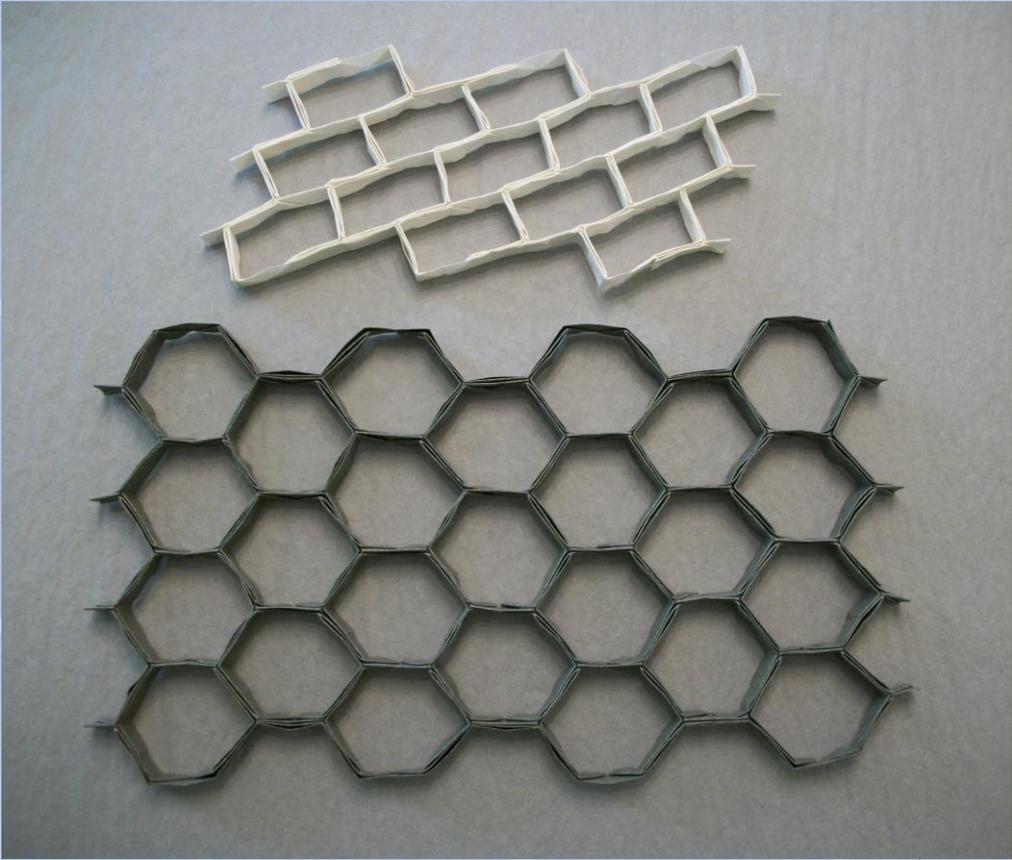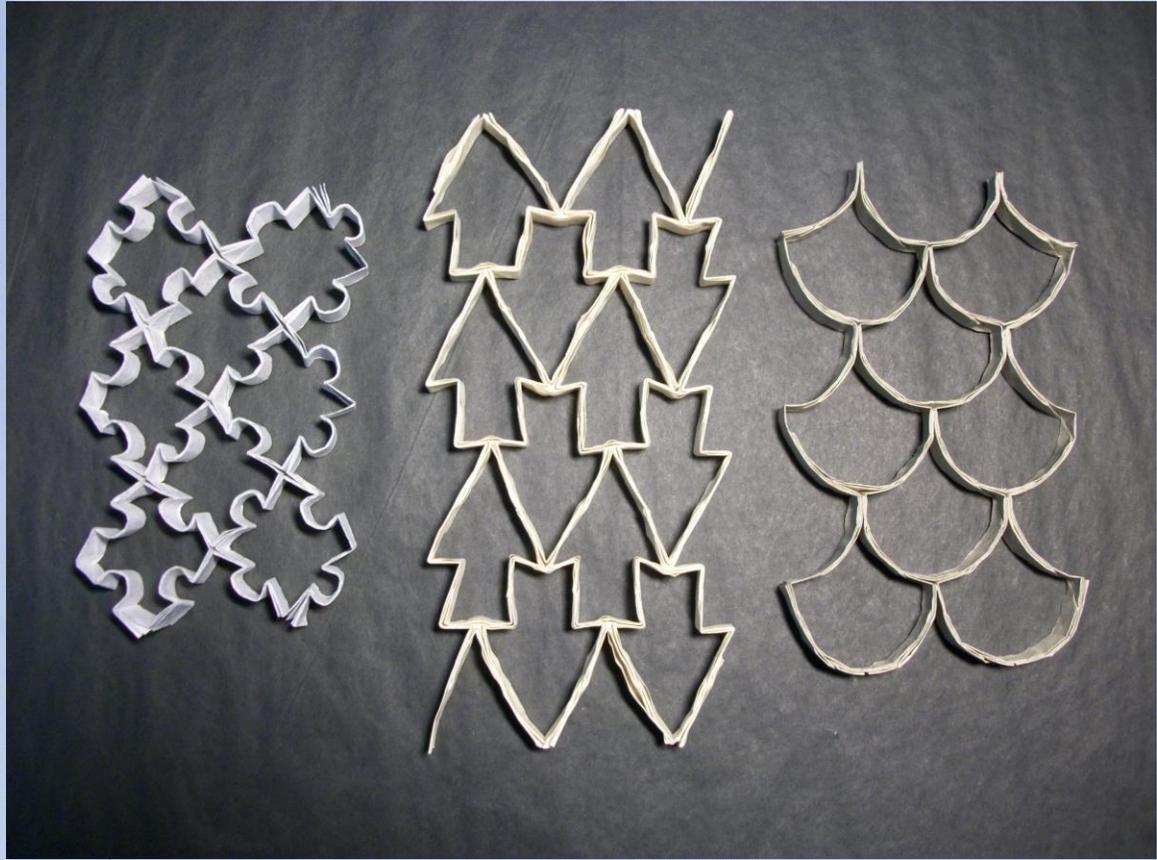# Lattices: The Beginning

Squares Lattice - 2021

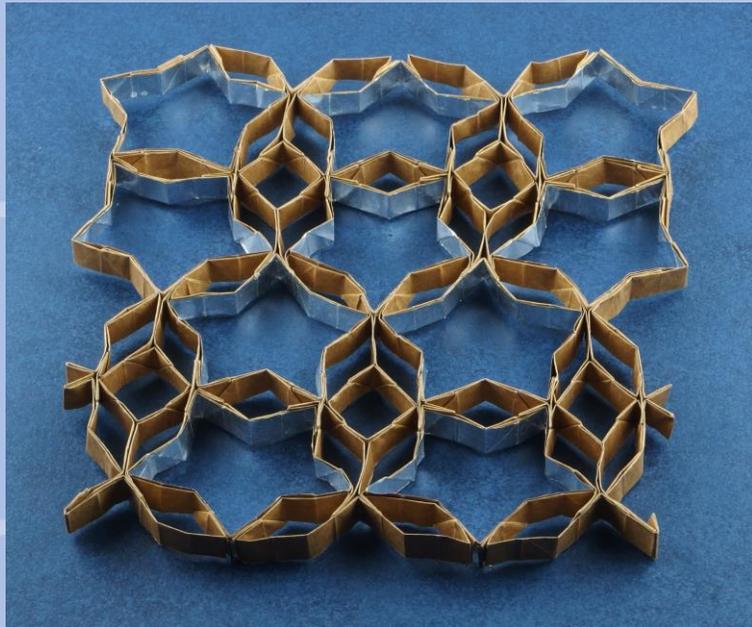45° Squares Lattice - 2021

Lattices: Shaping

Hexagons Lattice - 2021

Arrows Lattice - 2021

Lattices: More!

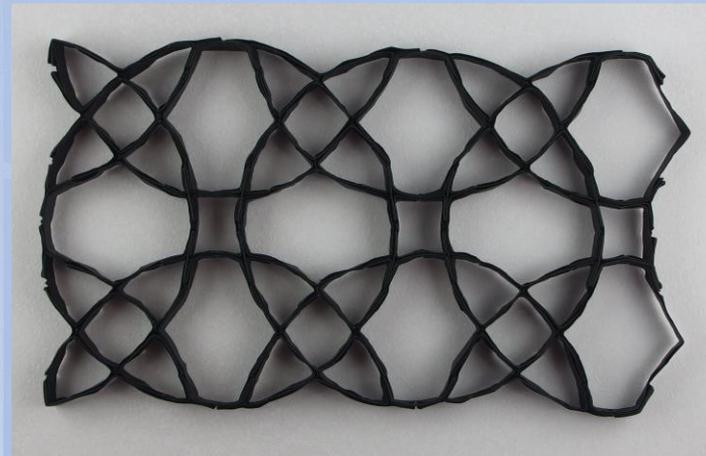Hexaspirals Lattice - 2021

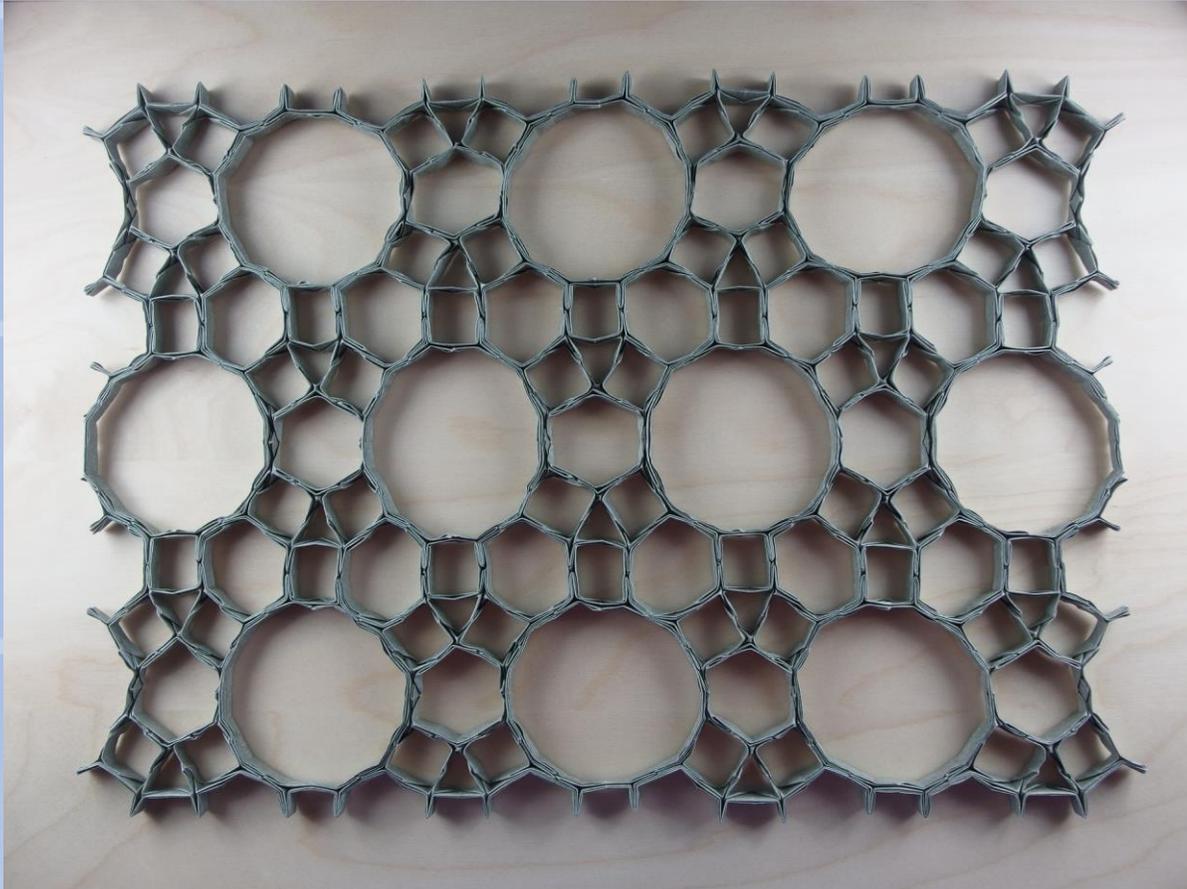Stars in Decagons Lattice - 2021
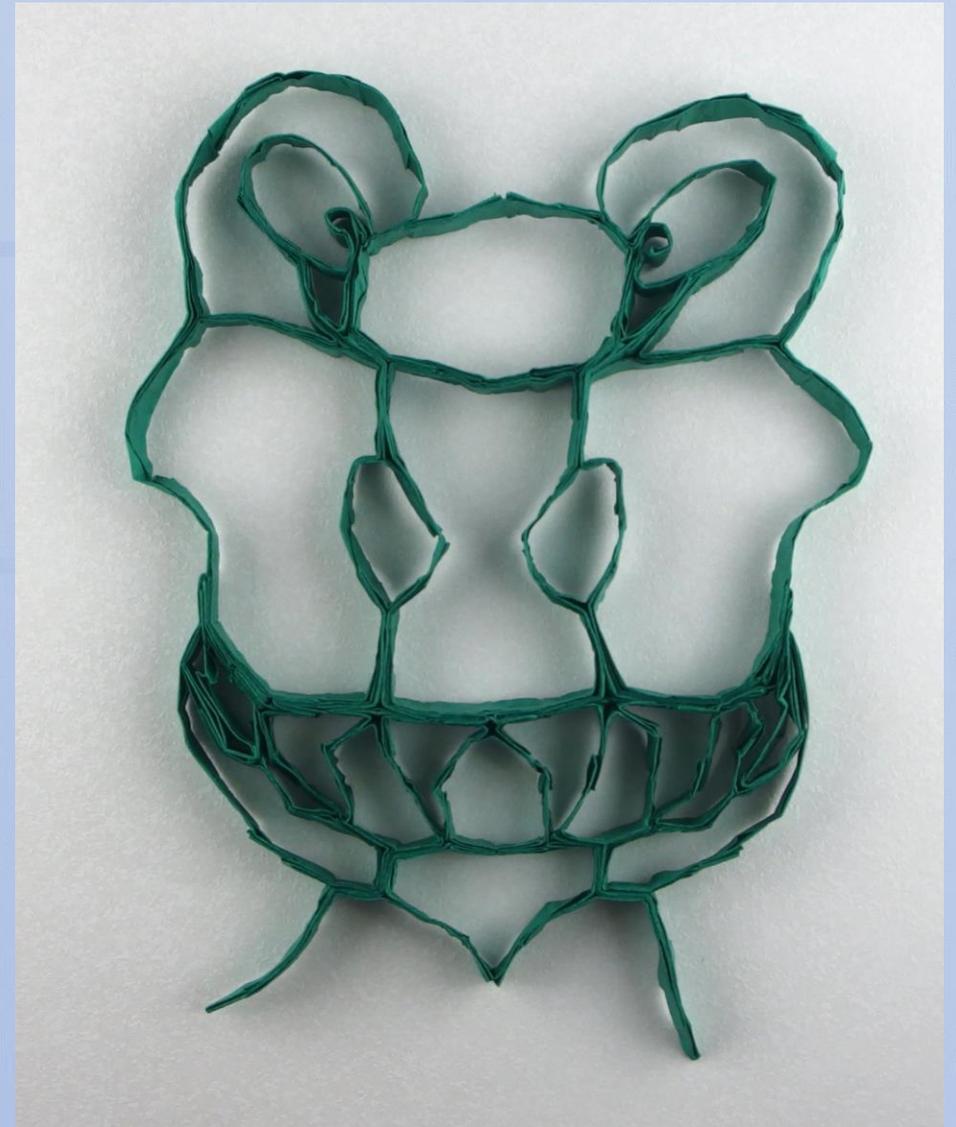

Intersecting Circles Lattice - 2022

Pixels Lattice – 2022

Lattices: Evolution

Dodecagons, Hexagons, Squares and Triangles Lattice - 2022

Reptilian Face - 2022

Conclusion

- ➢ Currently:
  - Origami has a history of using cuts
  - Cuts are taboo for origamists

- ➢ What cuts can bring:
  - Optional details can be added using cuts
  - Cuts can be an elegant and efficient designing tool
  - Some models can only be made using cuts

- ➢ My opinion on cuts:
  - Cutting-edge technology with enormous potential
  - Don't warrant death threats