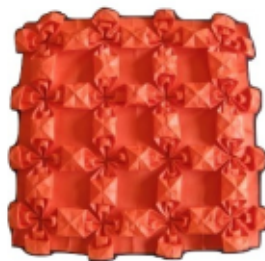
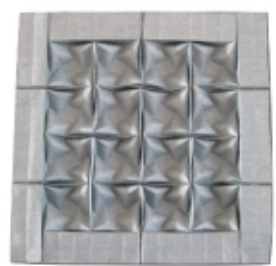
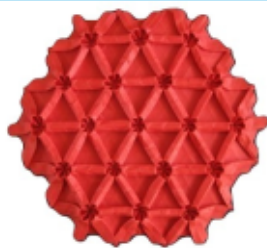


The Art of Paper Folding in Your Hands

A journey in the world of
« Origami
Tesselations
for Everyone »
Ilan Garibi's book

Michel Lucas



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Foreword

The Art of Origami Tessellations for Everyone!

In his marvelous book, Ilan Garibi invites us to share a wondrous journey in the world of tessellations. Around 30 models, all but one created from an orthogonal grid, which is rather uncommon.

Tessellations are classified by families. A progressive approach is maintained all over the book: discovering a molecule, then combining 2x2 and 4x4 molecules. Meticulous crease patterns, high quality illustrations and photographs, and, to be a crowning of everything, a lot of clever recommendations help the folder to create beautiful tessellations. What else?

I can only highly recommend this book. It will become a classic of the art of paper folding.

Thank you Ilan!

Michel Lucas

pavage de mon cerveau --->



< --- my brain tessellated

Avant-propos

L'art du pavage à portée de toutes les mains !

Dans son magnifique livre, Ilan Garibi nous invite à partager un magnifique voyage au pays des pavages. Une trentaine de modèles, tous (sauf un) créés à partir d'une grille orthogonale, ce qui est plutôt rare.

Des pavages classés par familles, une approche progressive : découverte d'un motif (appelé molécule), puis combinaisons de 2x2 puis 4x4 motifs, des canevas de plis soignés, des illustrations et des photos de qualité et, pour couronner le tout, une foule de conseils et de trucs et astuces pour arriver à bonne fin : que demander de plus ?

Je ne peux que recommander très chaudement cet ouvrage, qui va devenir un grand classique du pliage.

Merci Ilan !

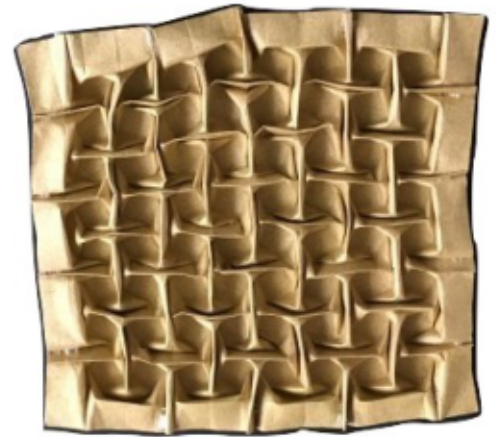
Michel Lucas

The Cube Family - Cubes 2.1

Design Ilan Garibi, folding Michel Lucas
16 molecules, 14x14 grid



front view



back view



front view, backlit



back view, backlit



front view, detail

The Cube Family - Waves

Design Ilan Garibi, folding Michel Lucas
16 molecules, 20x20 grid



front view



back view



front view, backlit



back view, backlit



front view, detail

The Cube Family - Bricks

Design Ilan Garibi, folding Michel Lucas
16 molecules, 25x25 grid



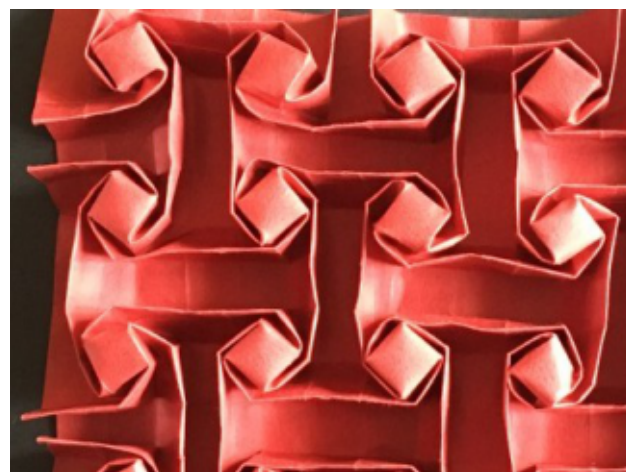
front view



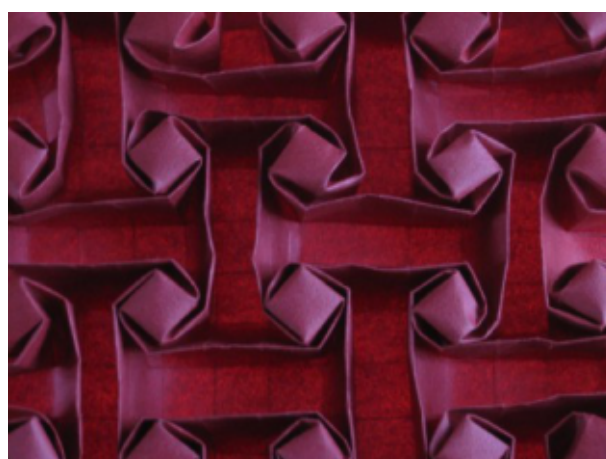
back view



front view, detail



back view, detail



back view, backlit

The Cube Family - Quadilic

Design Ilan Garibi, folding Michel Lucas
44 molecules, 14x36 grid



front view



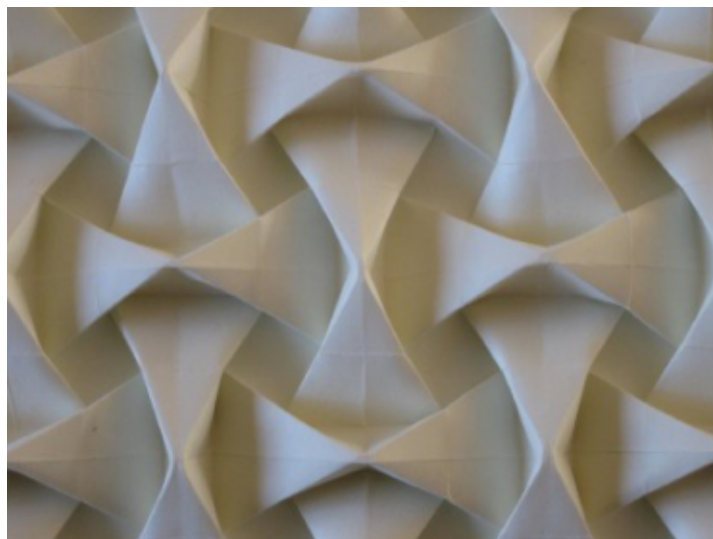
back view



front view, backlit



back view, backlit



front view, detail

The Cube Family - Rounded Cubes

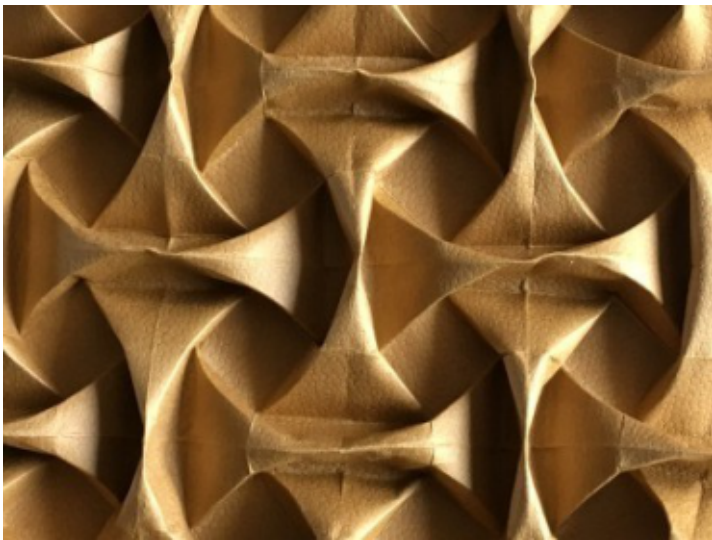
Design Ilan Garibi, folding Michel Lucas
16 molecules, 14x14 grid



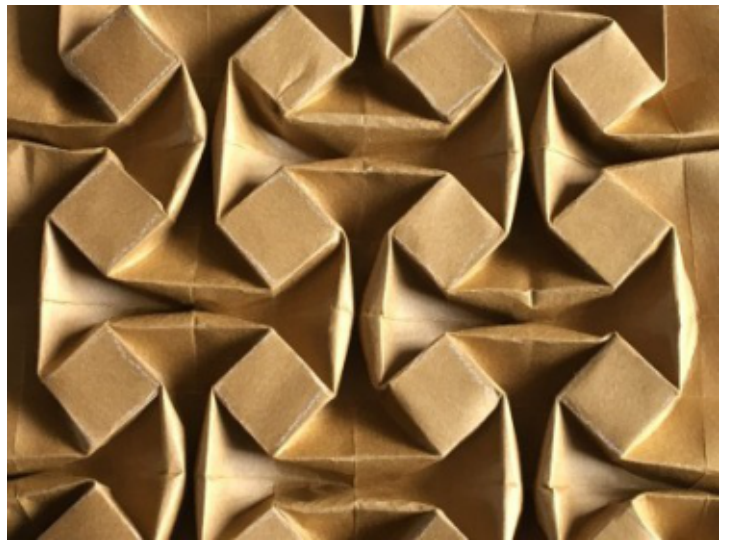
front view



back view



front view, backlit



back view, backlit

The Cube Family - Water Bomb

Design Ilan Garibi, folding Michel Lucas
16 molecules, 24x24 grid



front view



back view



front view, backlit



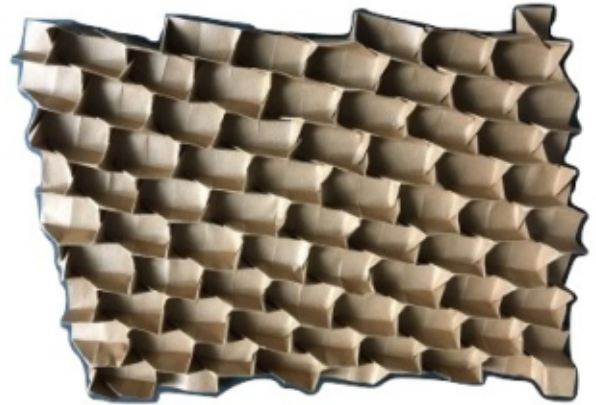
back view, backlit

The Cube Family - Gradient

Design Ilan Garibi, folding Michel Lucas
18 molecules, 16x16 grid



front view



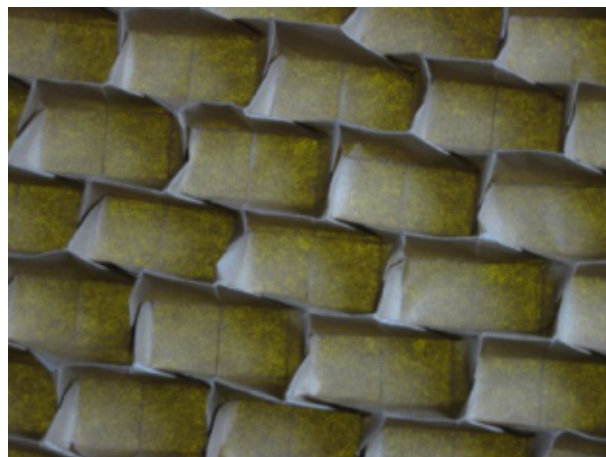
back view



front view, detail



back view, detail



front view, backlit

The Cube Family - Rotated Bricks

Design Ilan Garibi, folding Michel Lucas
16 molecules, 22x18 grid



front view



back view



front view, backlit



back view, backlit



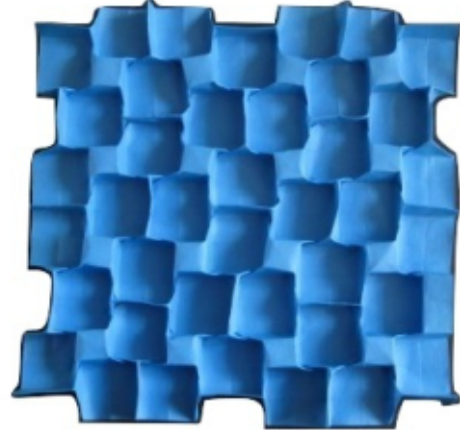
front view, detail

The Cube Family - Big and Small Cubes

Design Ilan Garibi, folding Michel Lucas
16 molecules, 24x24 grid



front view



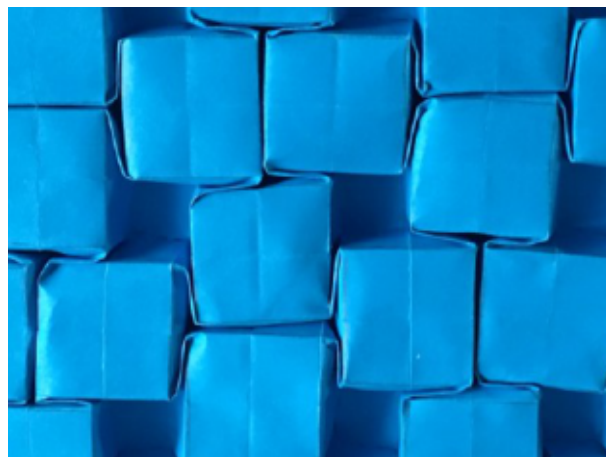
back view



front view, backlit



back view, backlit



front view, detail

The Red Flower Family - Red Flower

Design Ilan Garibi, folding Michel Lucas
36 molecules, 16x36 grid



front view



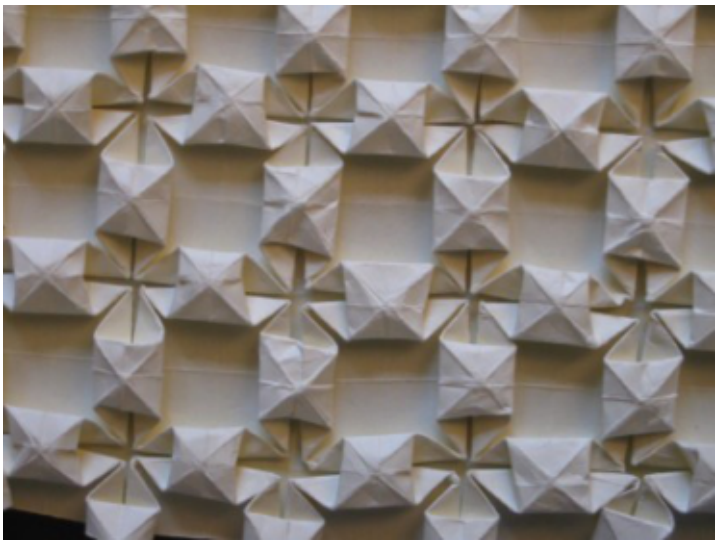
back view



front view, backlit



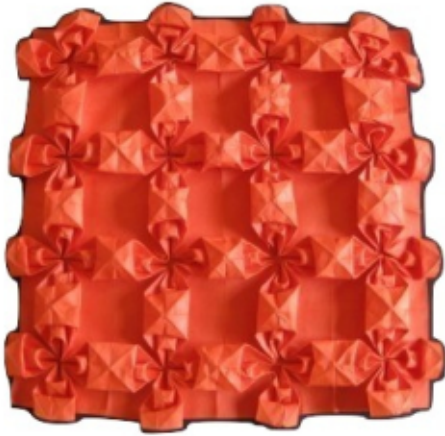
back view, backlit



front view, detail

The Red Flower Family - Double Red Flower

Design Ilan Garibi, folding Michel Lucas
16 molecules, 16x16 grid



front view



back view



front view, backlit



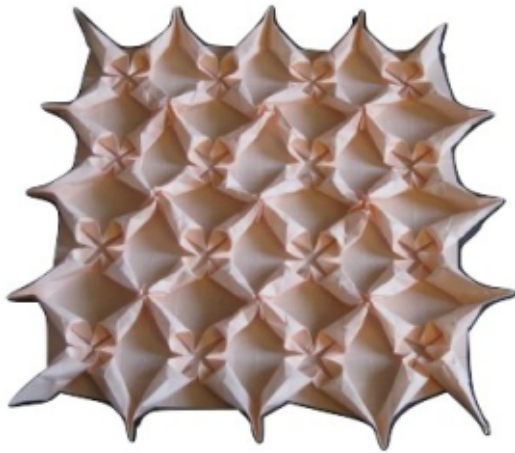
back view, backlit



front view, detail

The Red Flower Family - Green Flower

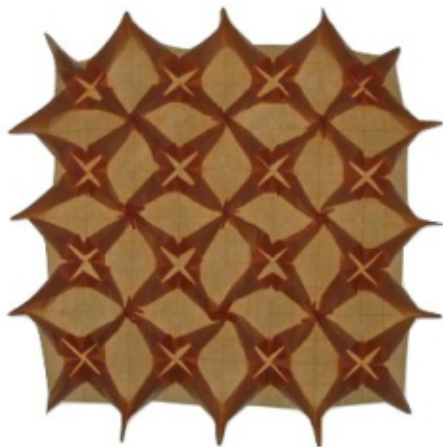
Design Ilan Garibi, folding Michel Lucas
16 molecules, 32x32 grid



front view



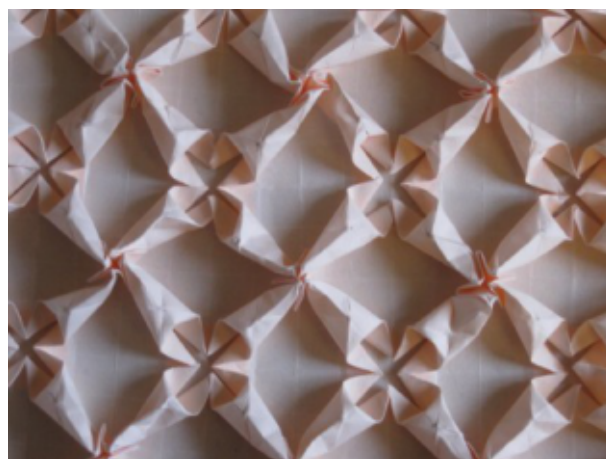
back view



front view, backlit



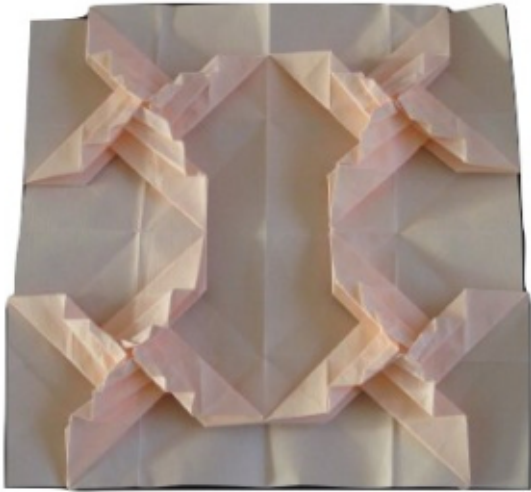
back view, backlit



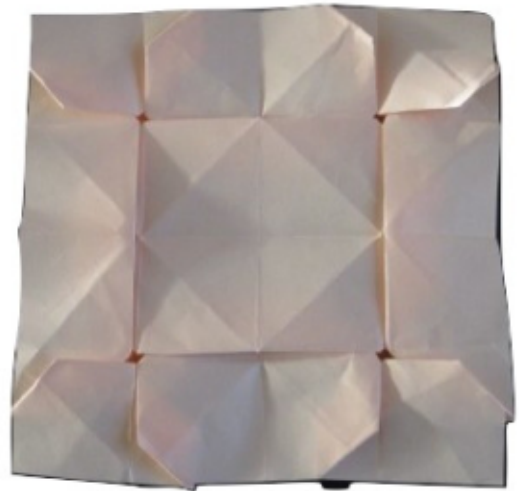
front view, detail

The Red Flower Family - Bagan

Design Ilan Garibi, folding Michel Lucas
4 molecules, 8x8 grid



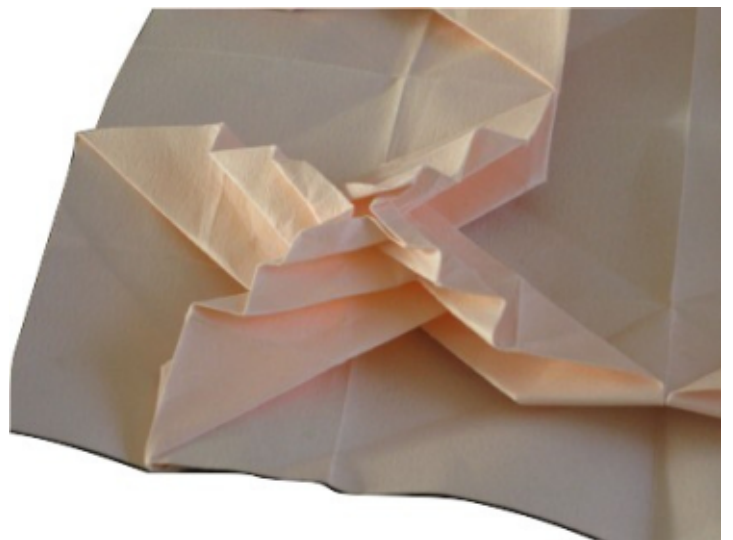
front view



back view



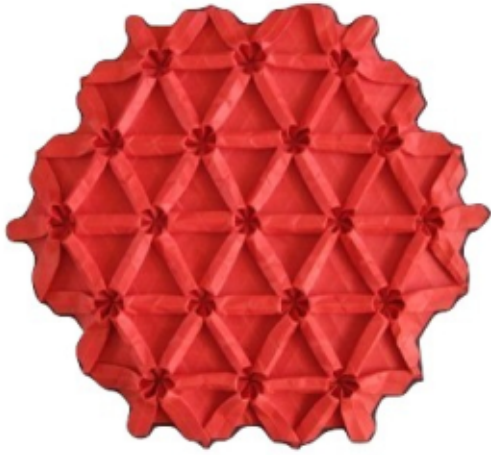
front view, backlit



front view, detail

The Red Flower Family - Hexa Flower

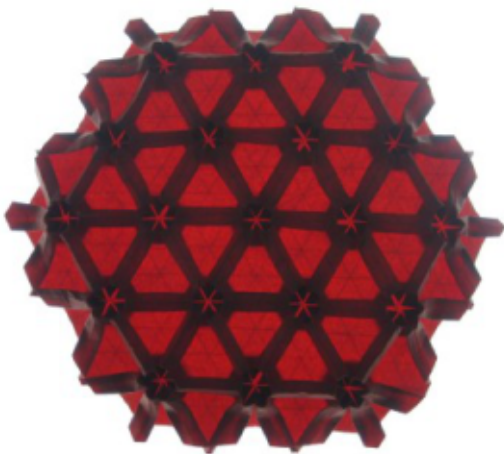
Design Ilan Garibi, folding Michel Lucas
16 molecules, 32x32x32 grid



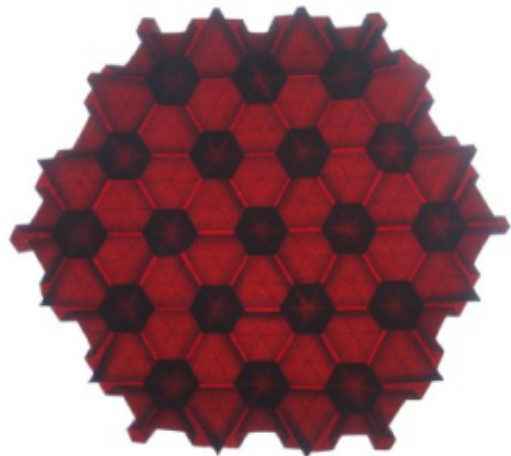
front view



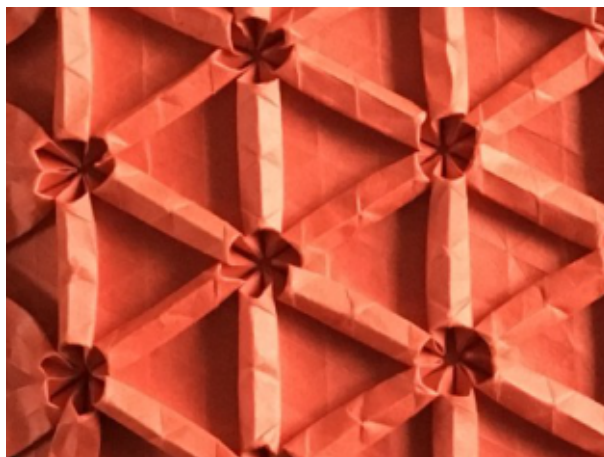
back view



front view, backlit



back view, backlit



front view, detail

The Hood Family - Childhood

Design Ilan Garibi, folding Michel Lucas
25 molecules, 32x32 grid



front view



back view



front view, backlit



back view, backlit



front view, detail

The Hood Family - Childhood Evolved

Design Ilan Garibi, folding Michel Lucas
16 molecules, 46x46 grid



front view



back view



front view, backlit



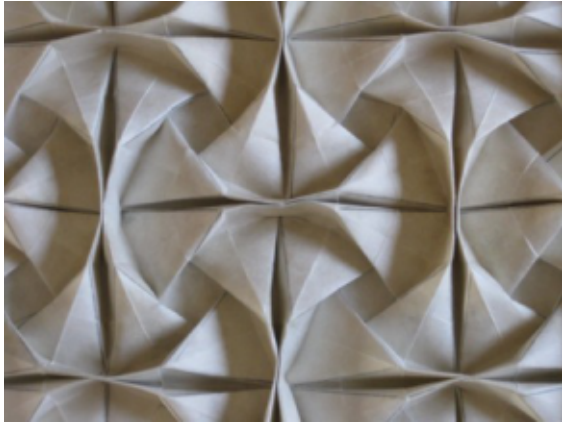
back view, backlit



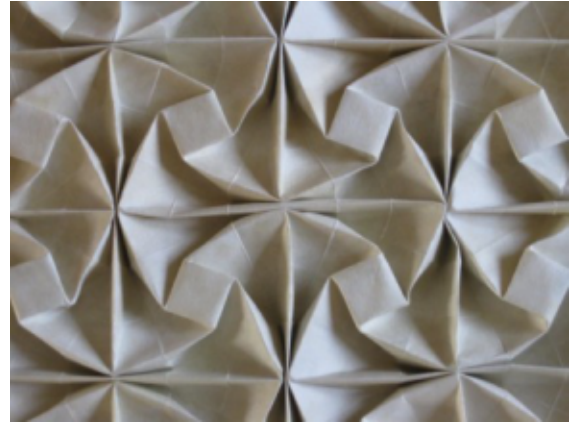
front view, detail

The Hood Family - Growing Up

Design Ilan Garibi, folding Michel Lucas
16 molecules, 20x20 grid



front view, detail



back view, detail



front view, backlit



back view, backlit



front view

The Hood Family - Adulthood

Design Ilan Garibi, folding Michel Lucas
4 molecules, 62x62 grid



front view



back view



front view, backlit



back view, backlit



front view, detail

The Twister Family - Twister A

Design Ilan Garibi, folding Michel Lucas
16 molecules, 25x25 grid
miroir, epace 1



front view



back view



front view, backlit



back view, backlit



front view, detail

The Twister Family - Twister B

Design Ilan Garibi, folding Michel Lucas
16 molecules, 32x32 grid



front view



back view



front view, backlit



back view, backlit



front view, detail

The Twister Family - Twister C

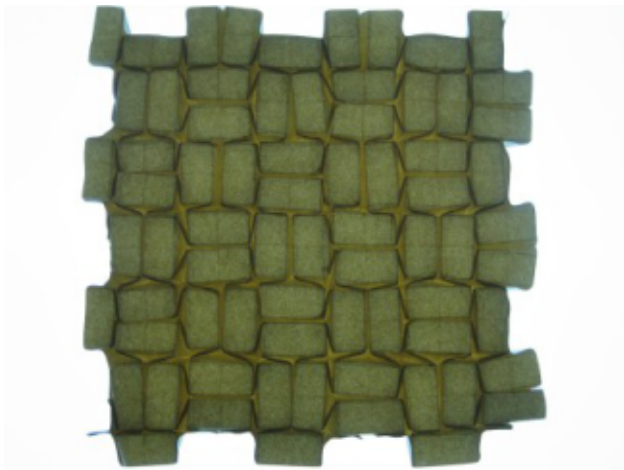
Design Ilan Garibi, folding Michel Lucas
49 molecules mirrored without space, 32x32 grid



front view



back view



front view, backlit



back view, backlit

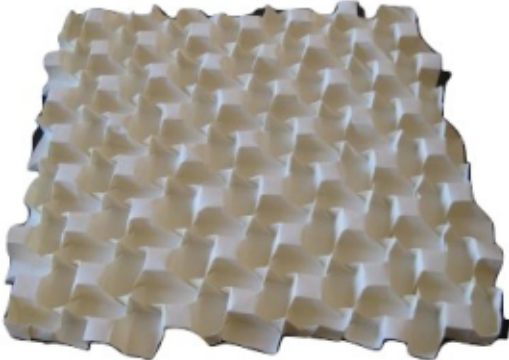


back view, detail

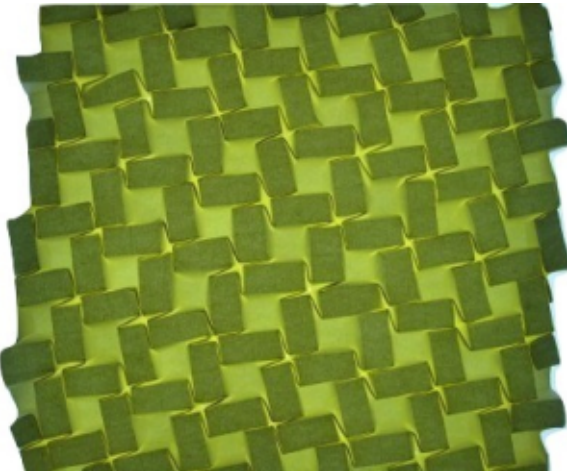
Design Ilan Garibi, folding Michel Lucas
49 molecules shifted without space, 32x32 grid



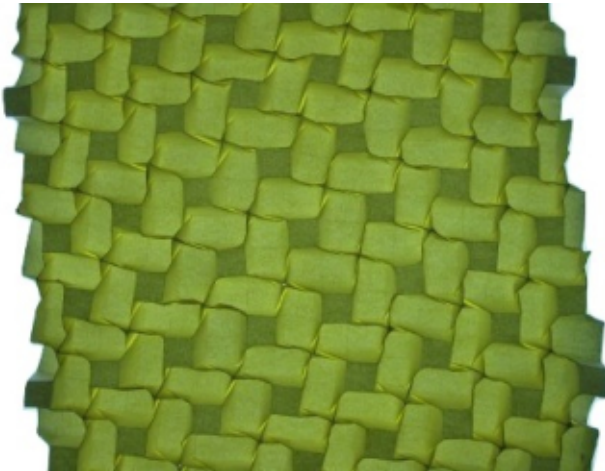
front view



back view



front view, backlit



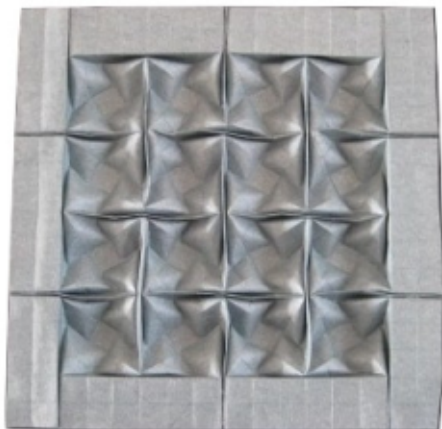
back view, backlit



front view, detail

The Complex Family - Hilula

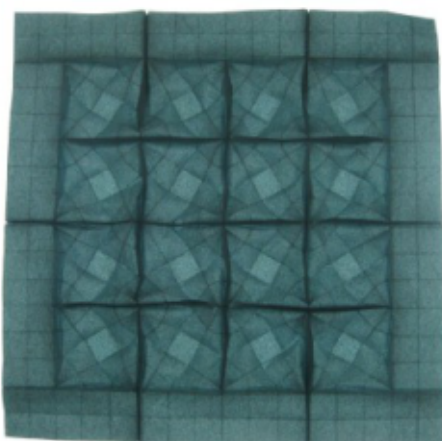
Design Ilan Garibi, folding Michel Lucas
16 molecules, 32x32 grid



front view, detail



back view, detail



front view, backlit



back view, backlit



front view, detail

The Complex Family - Amsterdam

Design Ilan Garibi, folding Michel Lucas
16 molecules, 22x22 grid



front view, detail



back view, detail



front view, backlit



back view, backlit



front view, detail

The Complex Family - NSNS

Design Ilan Garibi, folding Michel Lucas
16 molecules, 26x26 grid



front view



back view



front view, backlit



back view, backlit



back view, detail

The Complex Family - Templar Garden

Design Ilan Garibi, folding Michel Lucas
16 molecules, 28x28 grid



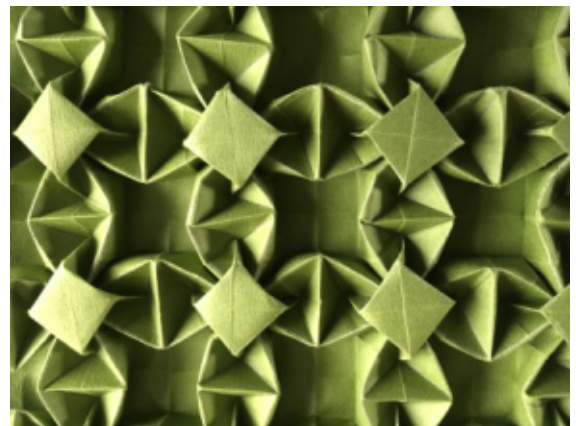
front view



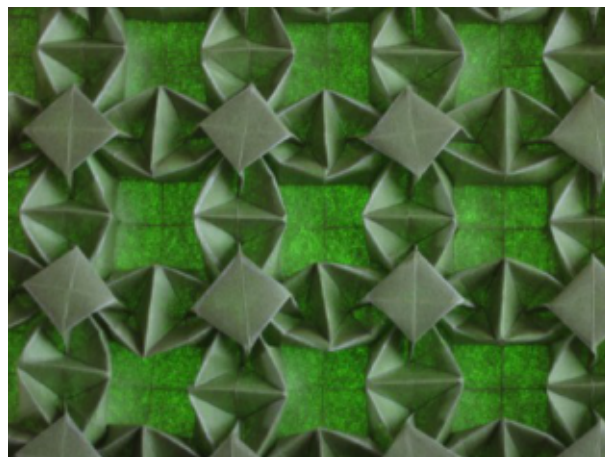
back view



front view, detail



back view, detail



back view, backlit

The Complex Family - Mushroom Field

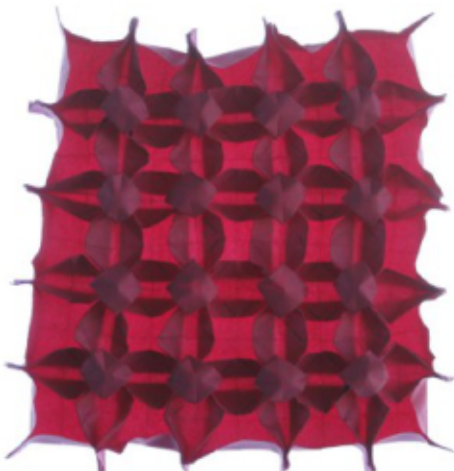
Design Ilan Garibi, folding Michel Lucas
16 molecules, 26x26 grid



front view, detail



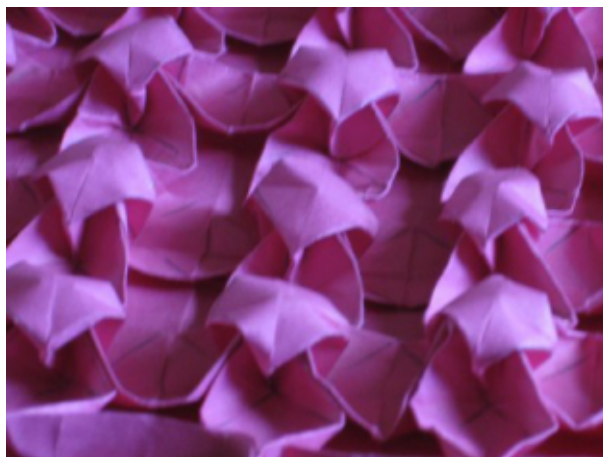
back view, detail



front view, backlit



back view, backlit



front view, detail

The Pineapple Family - Criss Cross

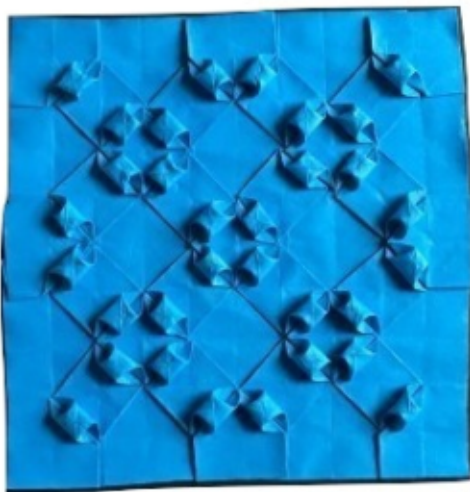
Design Ilan Garibi, folding Michel Lucas
16 molecules, 18x18 grid



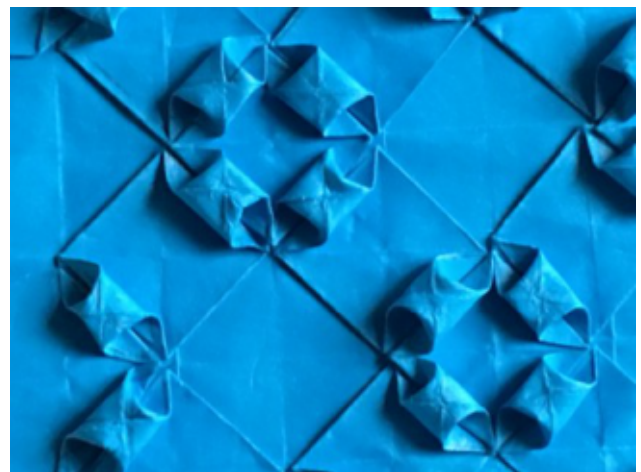
front view, detail



back view, detail



variation, front view



variation, front view, detail



back view, backlit

The Pineapple Family - Pineapple

Design Ilan Garibi, folding Michel Lucas
16 molecules, 26x26 grid



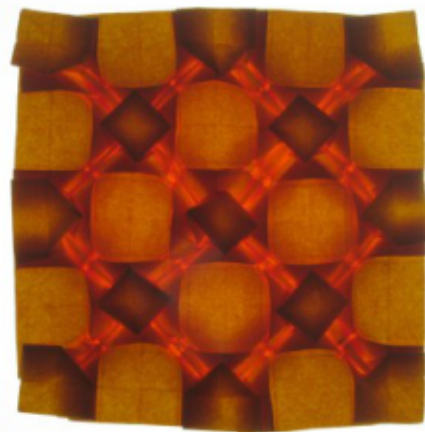
front view, detail



back view, detail



front view, backlit



back view, backlit



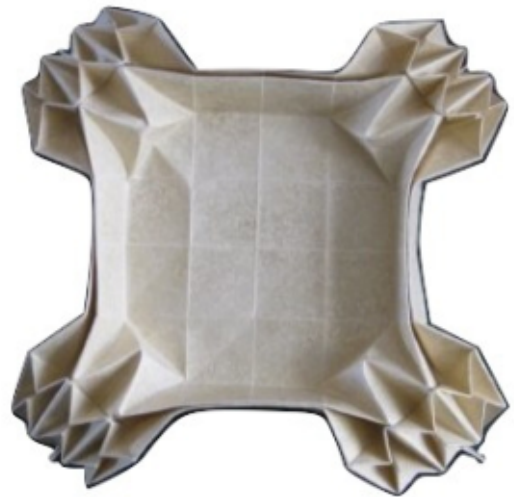
front view, detail

The Pineapple Family - Pineapple Bowl

Design Ilan Garibi, folding Michel Lucas
16 molecules, 16x16 grid



front view



top view



back view



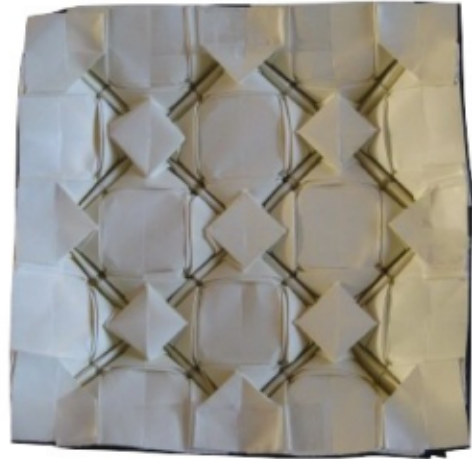
back view, detail

The Pineapple Family - Extreme Pineapple

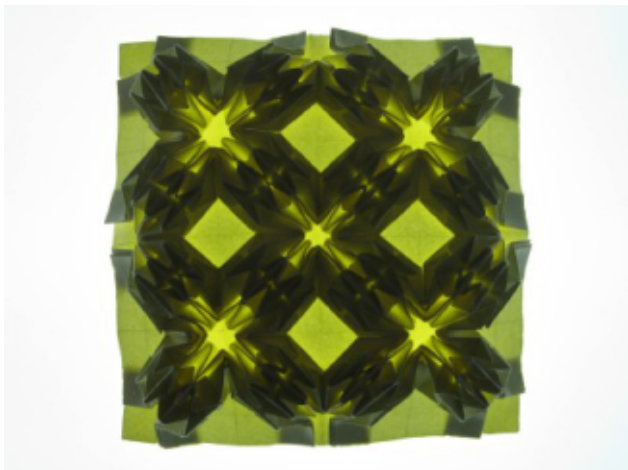
Design Ilan Garibi, folding Michel Lucas
16 molecules, 34x34 grid



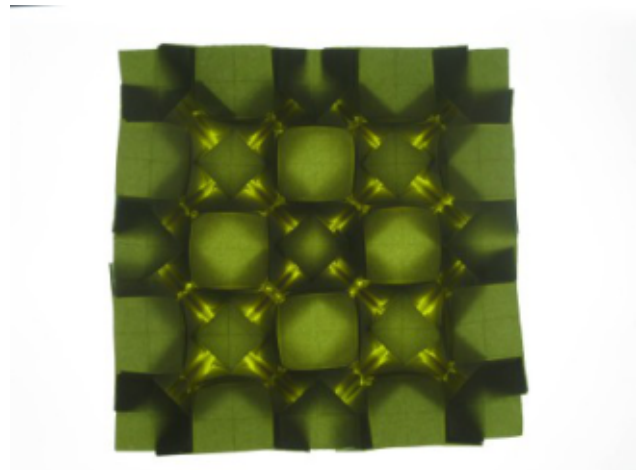
front view, detail



back view, detail



front view, backlit



back view, backlit



front view, detail

The Pineapple Family - Extreme Double Pineapple

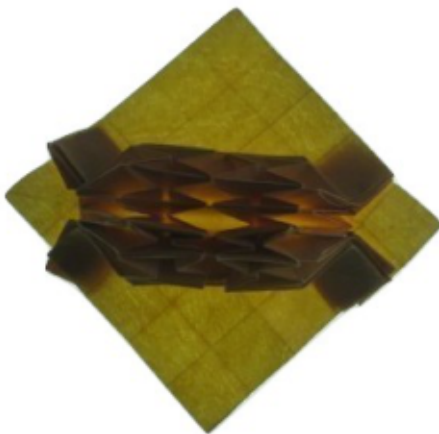
Design Ilan Garibi, folding Michel Lucas
1 molecule, 13x13 grid



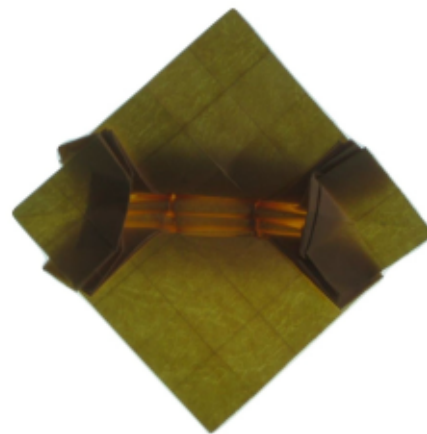
front view, detail



back view, detail



front view, backlit



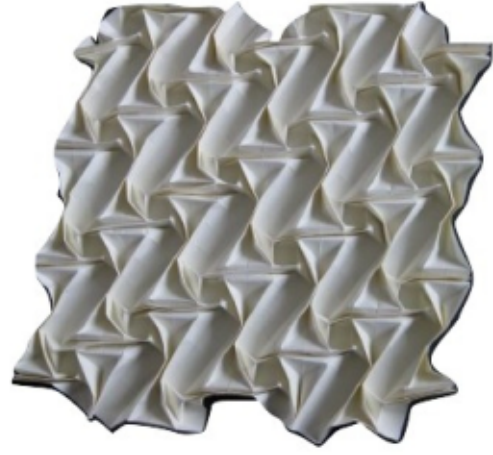
back view, backlit

Bonus - OGM-Bricks-IG-2012

Design and folding Michel Lucas
1 molecule, 32x32 grid



front view



back view



front view, backlit



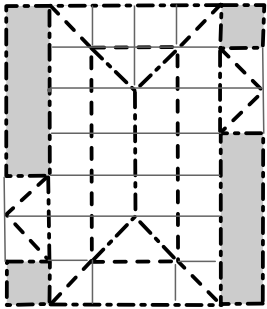
back view, backlit



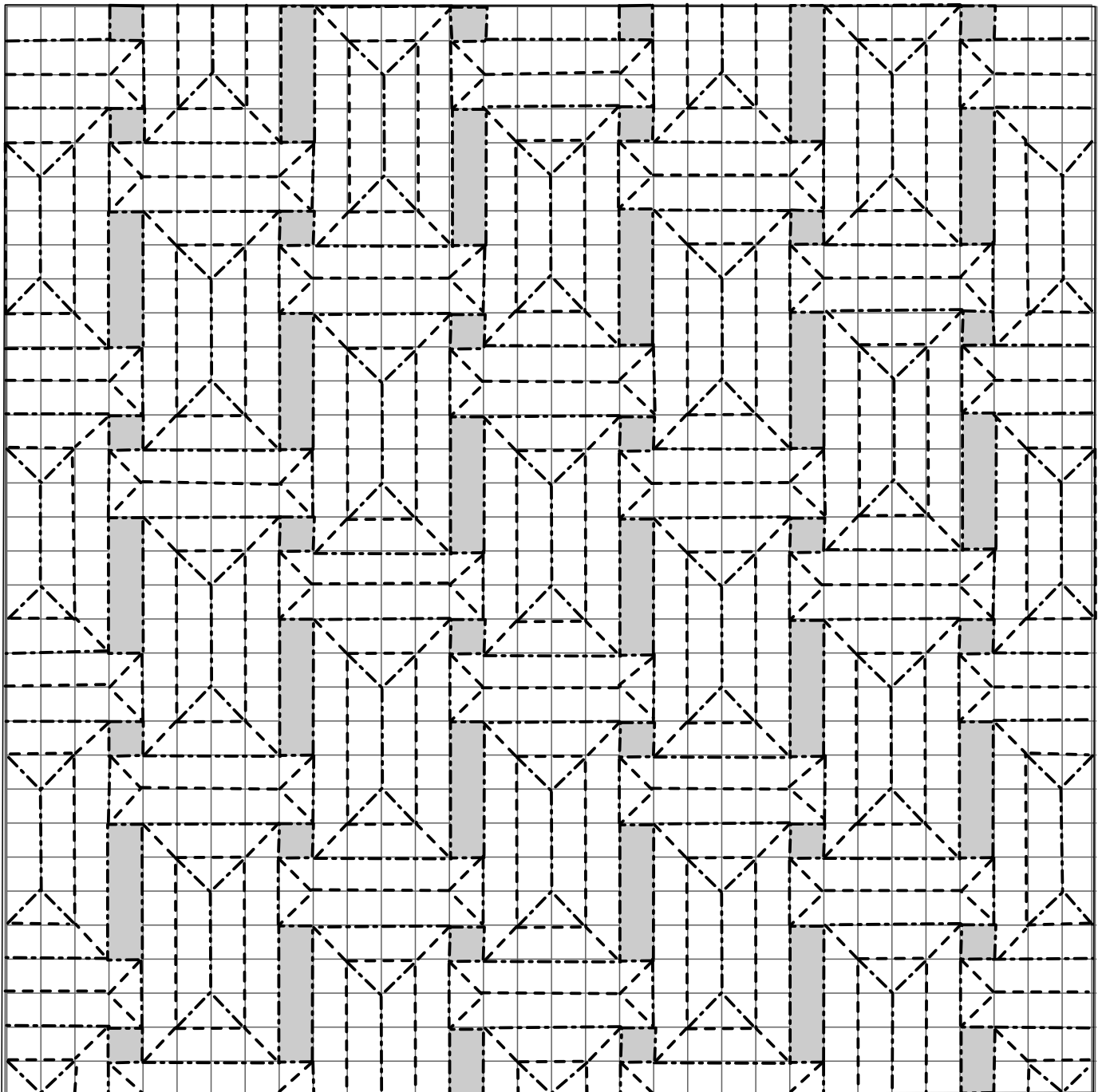
front view, detail

OGM-Bricks-IG-2012

Design and crease pattern Michel Lucas
32x32 grid



molecule 6x7



A journey in the world of " *Origami Tessellations for Everyone* ", Ilan Garibi's book

