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Folding Leather

Utilitarian Interactive Origami

SUMMARY

Applying, experimenting and developing paper folding techniques (origami) in leather.

Study new possibilities of leather craft by proposing the combined technique of leather shaping + leather folding.

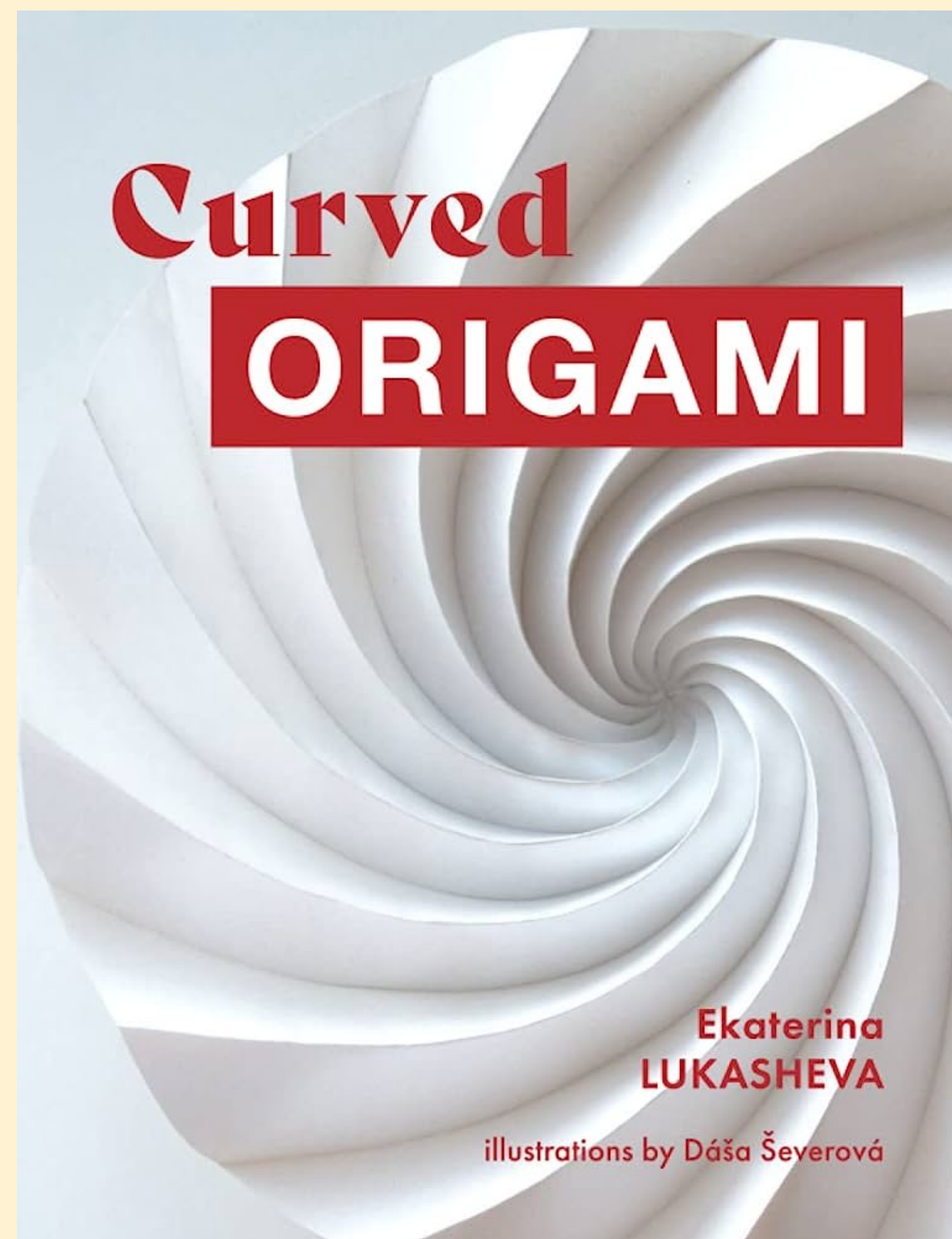
Creating small accessories that invite the human to interact, play, imagine and dream.

This project is part of my MA Thesis where I collaborate intimately with the material and the fold. Inspired by a small Moroccan coin purse, I experiment how traditional paper folding techniques (origami) can be applied in leather. After testing different techniques and famous patterns (origami tessellations, twists, and spirals from Roman Remme, Ekaterina Lukasheva, Jun Mitani, Chris K. Palmer...), I propose the fusion of two techniques, leather shaping and leather folding, by creating two small artefacts, a Ball Purse and a Spinning Top. Two objects that enhancing leather properties encompass the playful spirit of origami; inviting us to enjoy and dream.

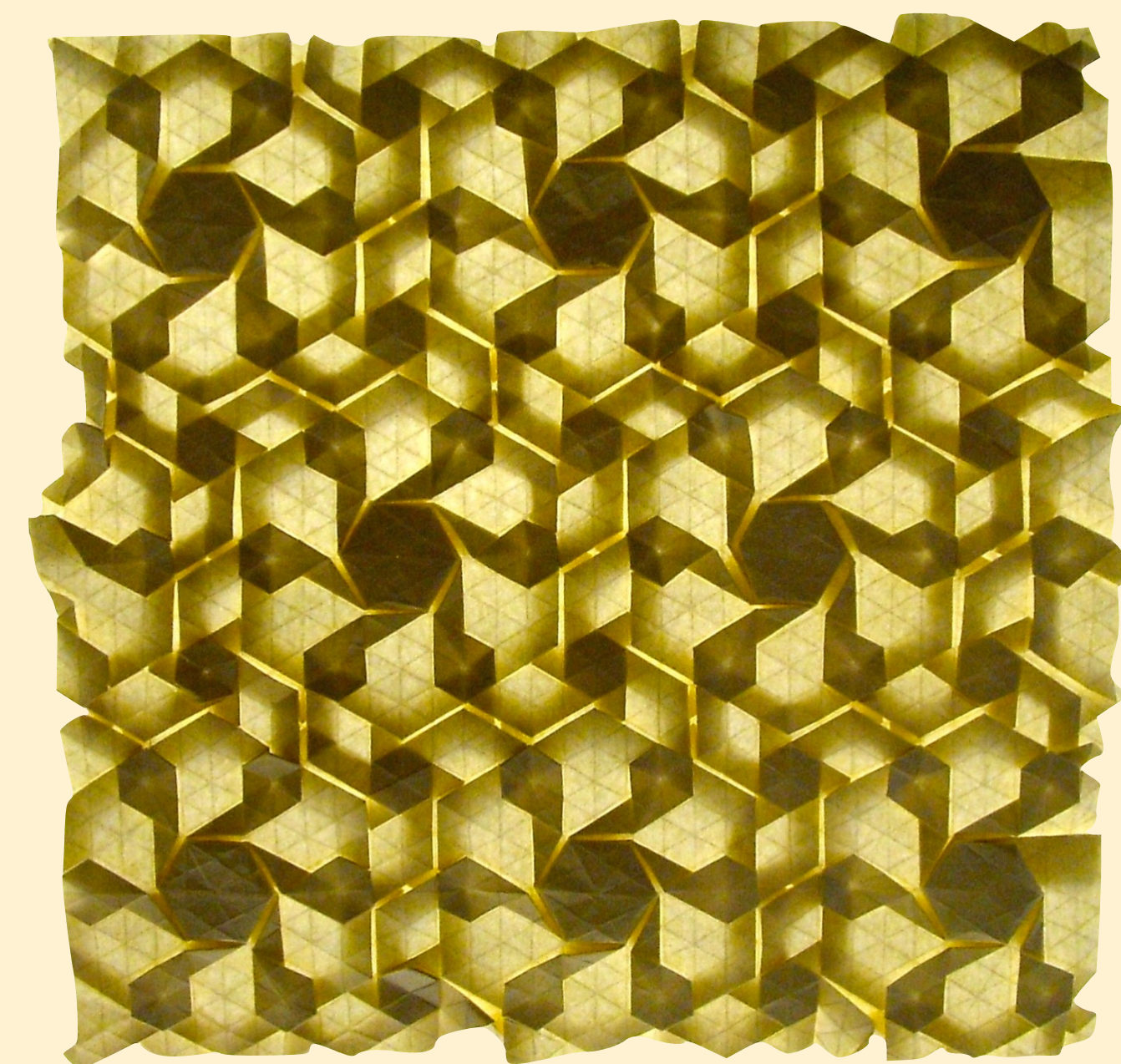
INSPIRATION



Moroccan Coin Purse

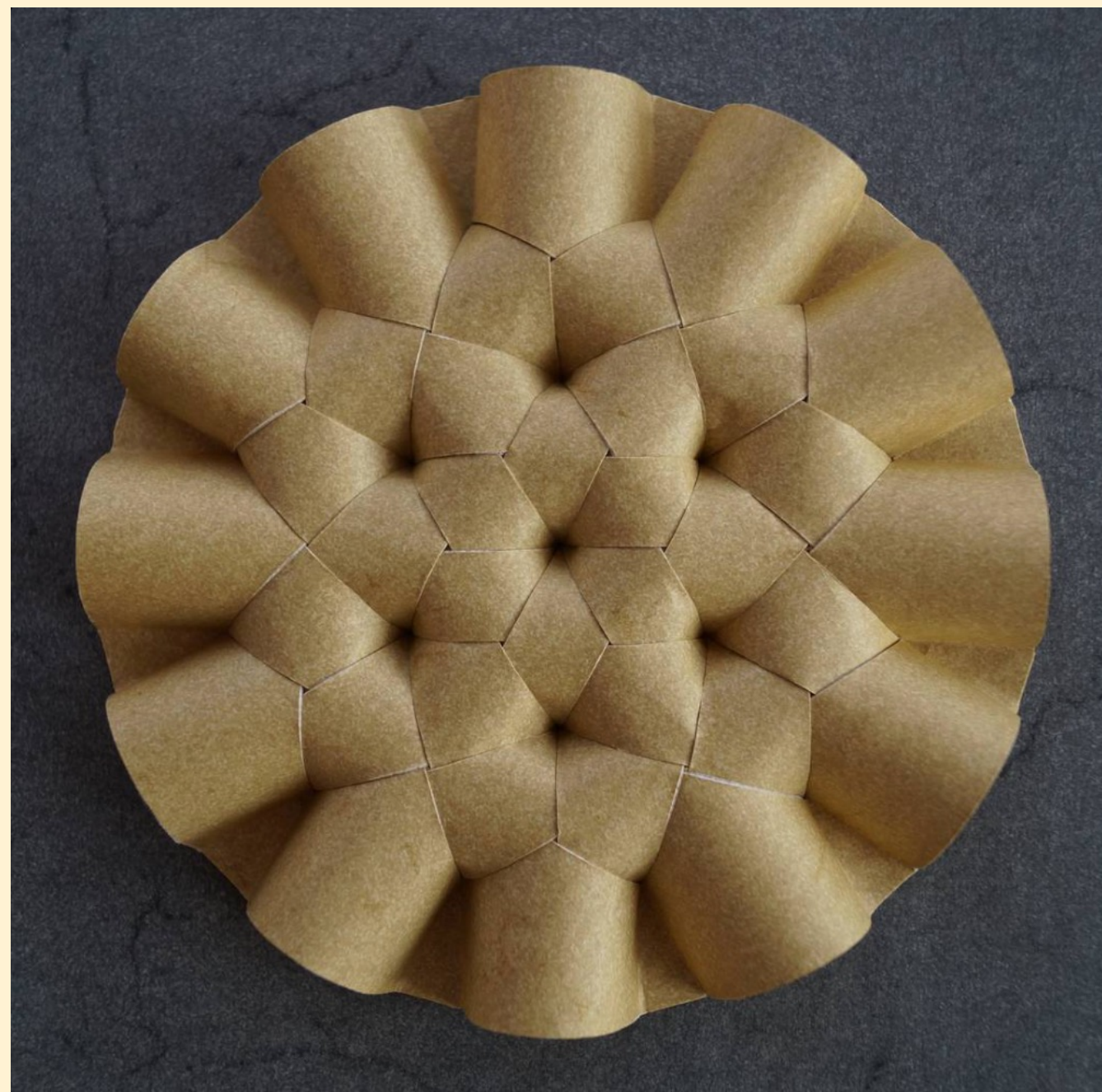


Curved Origami - Ekaterina Lukasheva



Origami Tessellations - Arms of Shiva - Eric Gjerde

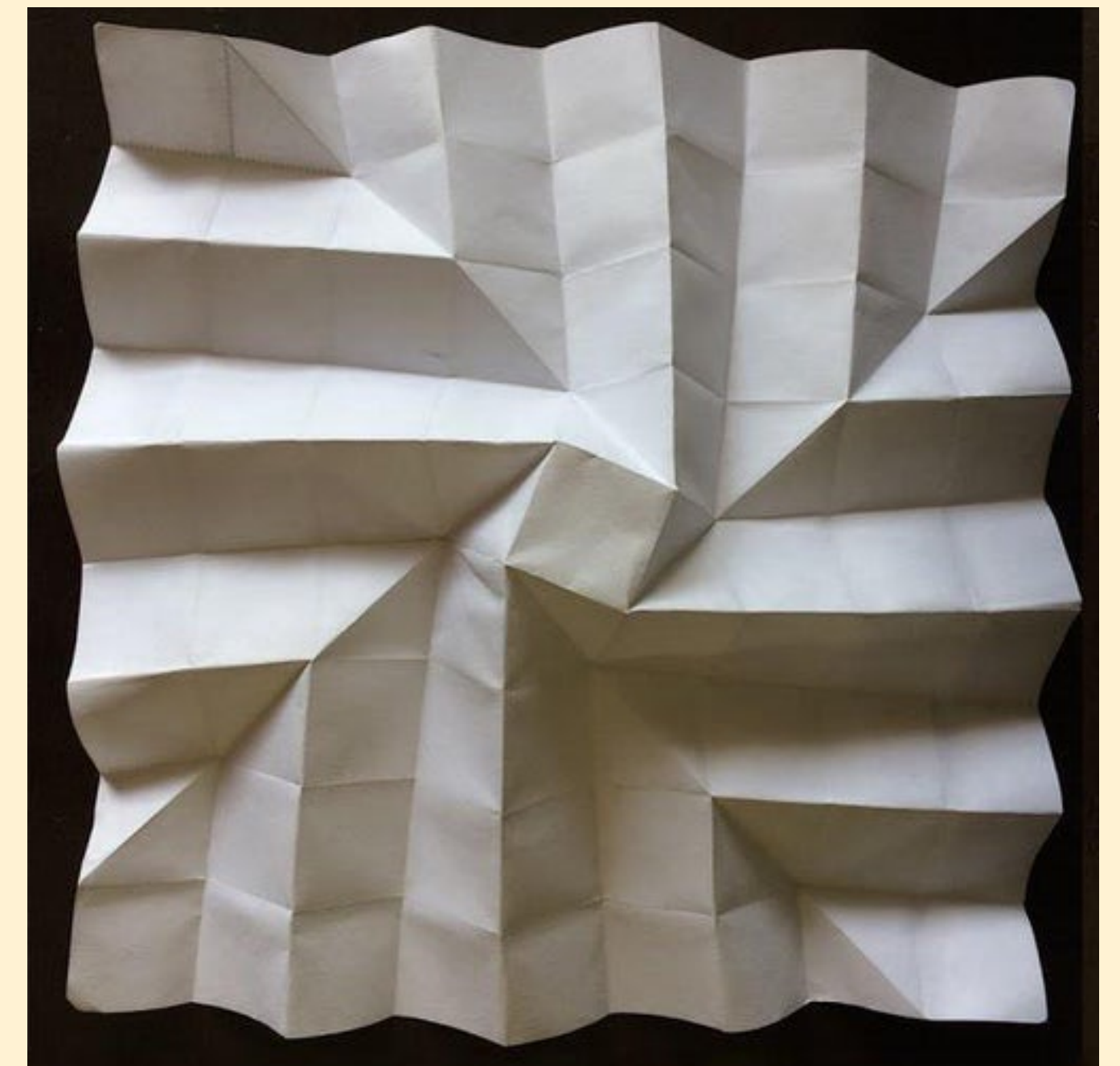
INSPIRATION



Intersecting Cylinders (Gear) - Roman Remme



Eight Flap Sphere – Jun Mitani



Origami Flasher – Chris K. Palmer

FIRST TESTS



Vegetable Tanned Goat Leather - 1,5 mm. Wet moulded.

EVOLUTION/PROGRESSION OF PATTERNS

Vegetable Tanned Goat Leather - 1,5 mm



The process, as origami, has been a continuous progression, evolution of patterns and reasoning of shape.

From left to right, each new shape arises from the past one.



Pentagonal peak, which could be applied as a button or closure system.

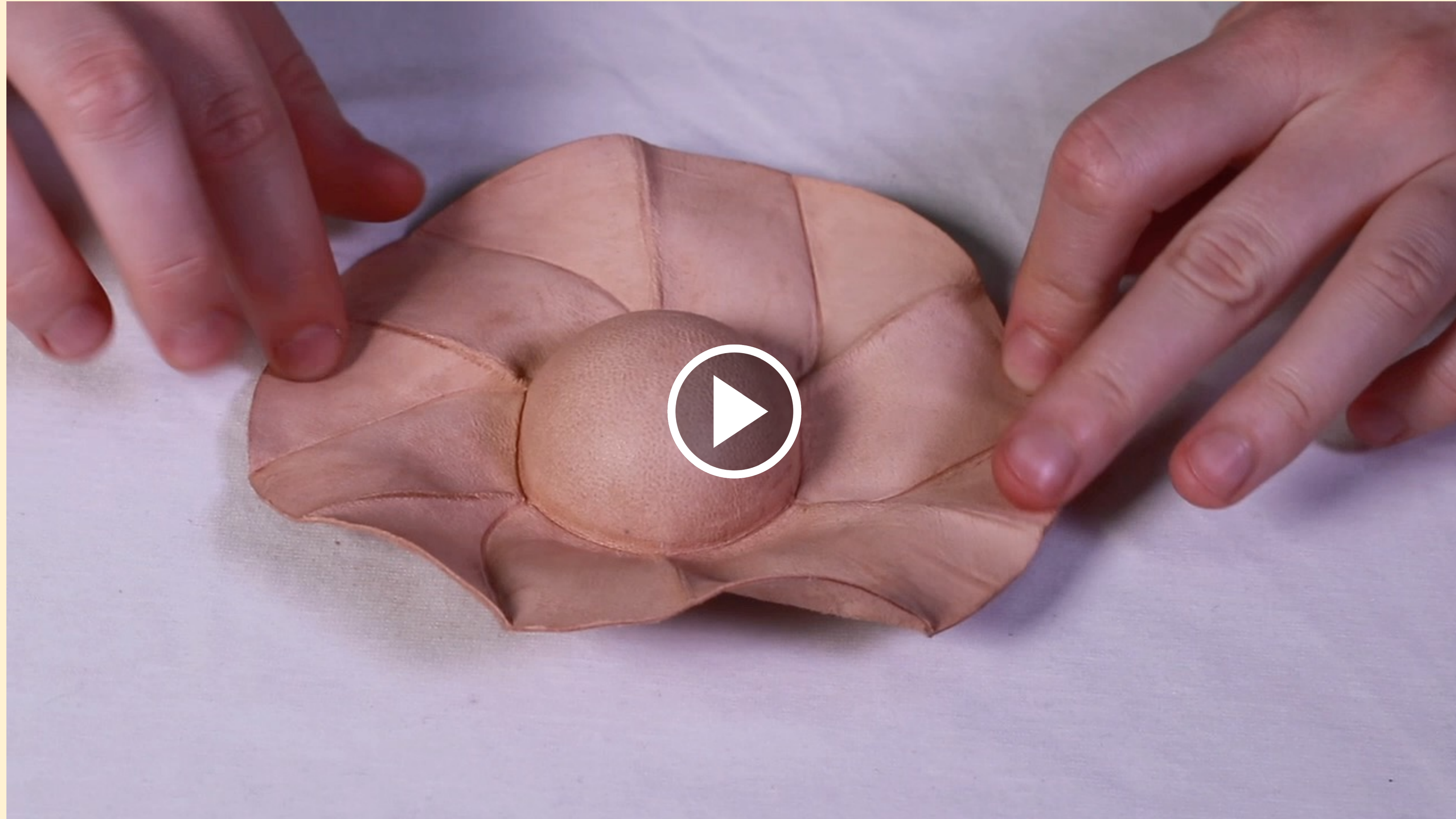
INTERACTIVE ARTEFACTS



Ball Purse



Spinning Top



Half sphere shaped, half sphere folded. Is it a purse? A hat? Both?



Two (glued) pieces Spinning Top, shaped and folded. Exquisite toy for adults.

EXPAND ORIGAMI ART IN A NEW MATERIAL

through

THE CREATION OF ARTEFACTS THAT AIMS ACTIVE INTERACTION

to

INVITE US TO IMAGINE AND DREAM

while

CONNECTING WITH OUR PLAYFUL CHILDHOOD SOUL

Its value resides in that tactile connection (hand-mind-emotion) that bonds the human with the object (its matter, its shape and its nature).