

Ondas de papel

Krystyna Burczyk



-EMOZ-

Escuela
Museo
Origami
Zaragoza

2ª Planta

del 15 de junio al
15 de septiembre
de 2024

Catalog

Photos: Krystyna Burczyk



Lilla Cube

Cubo Lilás

Fioletowy sześcián

2010 (K10028)

Paper



Fern Leaves

Folhas de feto

Liście paproci

2012 (K12003)

Paper

A model of New Zeland
Inspiration Serie.



Whale's Tail

Rabo de Baleia

Ogon wieloryba

2011 (K11107)

Paper

Born at Lofoten, Norway.



Cube

Cubo

Sześcian

2010 (K10032)

Paper



Iceberg 1

Icebergue

Góra lodowa 1

2011 (K11109)

Paper

Created during a flight from Kirkenes to Oslo and inspired by

The Cathedral Church in Tromso.



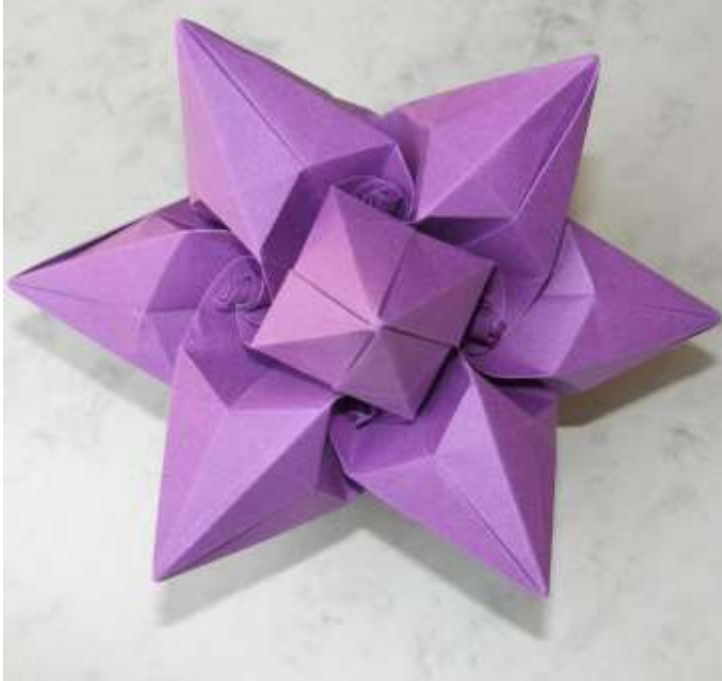
Cube

Cubo

Sześcian

2011 (K11108)

Paper



Stellated Form 12

Forma estrelada 12

Forma gwiazdzista 12

2009 (K09027)

Paper



Drill

Trado

Świder

2011 (K11098)

Paper



Feathers 4

Penas 4

Pióra 4

2014 (K14127)

Paper



Feathers 48

Penas 8

Pióra 8

2014 (K14128)

Paper



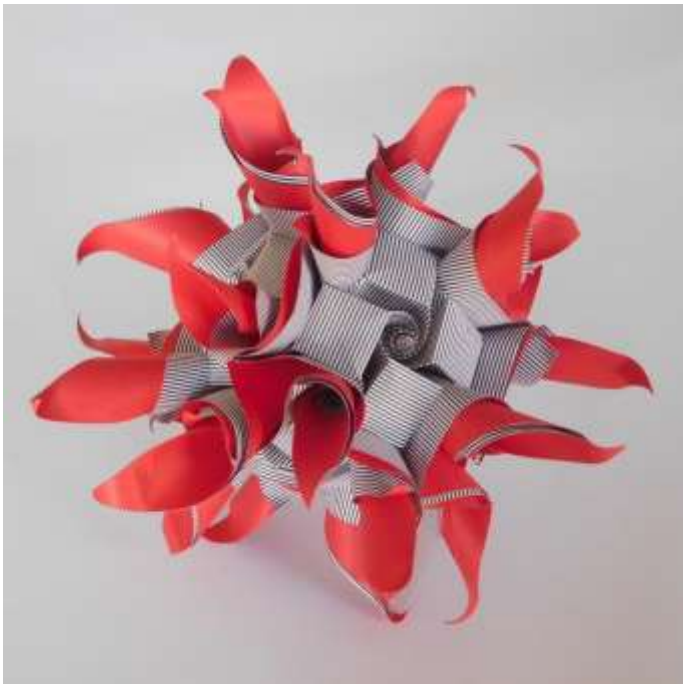
Classic Boat

Barco clássico

Klasyczna łódka

2015 (K15036)

Paper



Ball of good emotions

Bola de boas emoções

Kula dobrych emocji

2018 (K18053)

Paper



Versailles

Versalhes

Wersal

2014 (K14003)

Paper



Bridge

Ponte

Kładka

2012 (K12009)

Paper

There are bridges between places. And there are bridges between people ...



Symbol

Simbolo

Symbol

2014 (K14124)

Paper



Scream

Grito

Krzyk

2016 (K16059)

Paper



Pyramids

Pirâmides

Piramidy

2012 (K12046)

Pape



Ice Palace

Palácio de gelo

Lodowy Pałac

2016 (K16070)

Paper



Footprints

Pegadas

Ślady

2019 (K19001)

Paper



Old Sun

Old Serie

Série: Velho. Sol velho

Seria: Stare. Stare słońce

2014 (K14106)

Paper



Old Tower

Old Serie

Série: Velho. Torre velha

Seria: Stare. Stara wieża

2014 (K14105)

Paper



Versailles - Thick

Versalhes - Grosso

Wersal - Gruby

2019 (K19009)

Paper



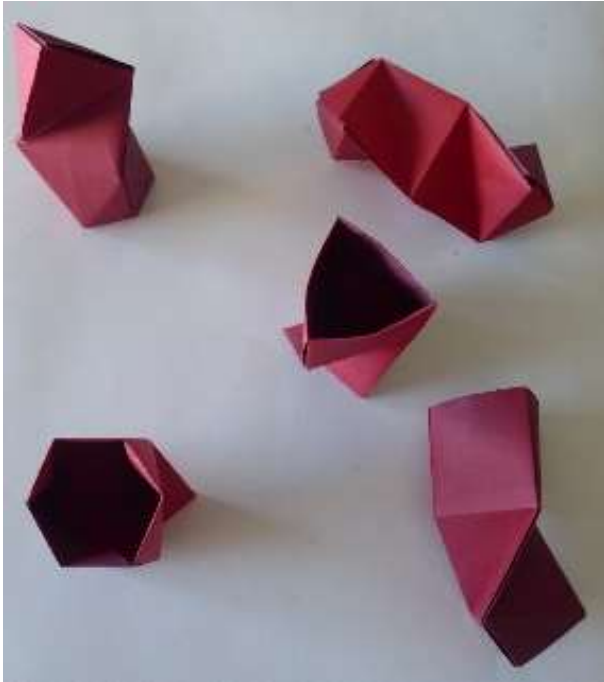
Firestorm

Tempestade de Fogo

Burza ogniowa

2016 (K16057)

Paper



Vases

Vasos

Wazoni

2006

Paper



Dancing Tetrahedra

Tetraedros a dancar

Tańczące

czworościany /

2016 (K16069)

Paper



Metamorphoses.

Accordion folds

Metamorfozes.

Harmónios / Metamorfozy. Harmonijki

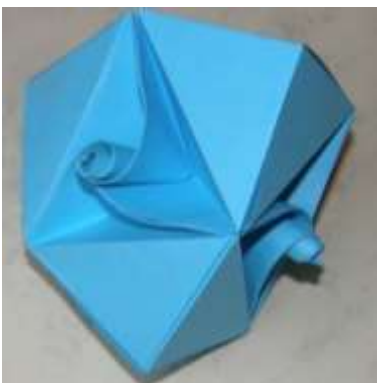
2010

Paper

The work results from exploration of a discrete parametrization. Divide the central square in a rectangle 2×1 into strips that fold into accordion shape and resulting points form a curve.

Theoretically we may increase the number of strips to infinity.

What curve becomes a limit of such sequence? And does the answer depend on the properties of the paper?



**Twirl with
Pyramids**

Voltinha com Pirâmides

Kręciołek z piramidami

2009 (K09035, K09036,
K09037, K09038)

Paper



Shell

Búzio

Muszelka

2011 (K11061)

Paper



Wonderful

Maravilhosa

Cudowna

2017 (K17046)

Paper

Born in Washington, US

Isn't the inner structure important? The layers of paper rush out from the inside as from the depths of a well, and reaching the surface they writhe as under the influence of the call from within. They cannot leave the form, they can only form a curtain that guard the interior.



Fabulous

Fabulosa

Wspaniała

2017 (K17047)

Paper

Born in Washington, US.



Illusory Dreams

Sonhos Ilusórios

Złudne marzenia

2021 (K21065)

Paper



Ammonite

Amonite

Amonit

2011 (K11062)

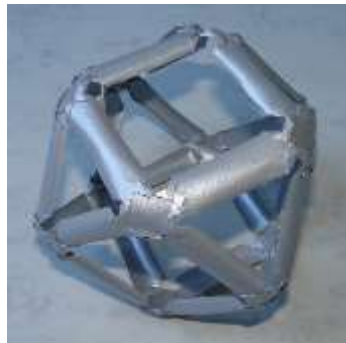
Paper



Jewelry

Joalheria / Joyeria

Sklep z biżuterią



2005-2013 (I13039, I13050,
I05020, I13051, I13045)

Paper

18 works + pajarita +barco





Squares and Rectangles

Quadrados e Retângulos

Kwadraty i prostokąty

2009 (K09094)

Paper

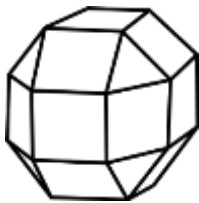


Red in White

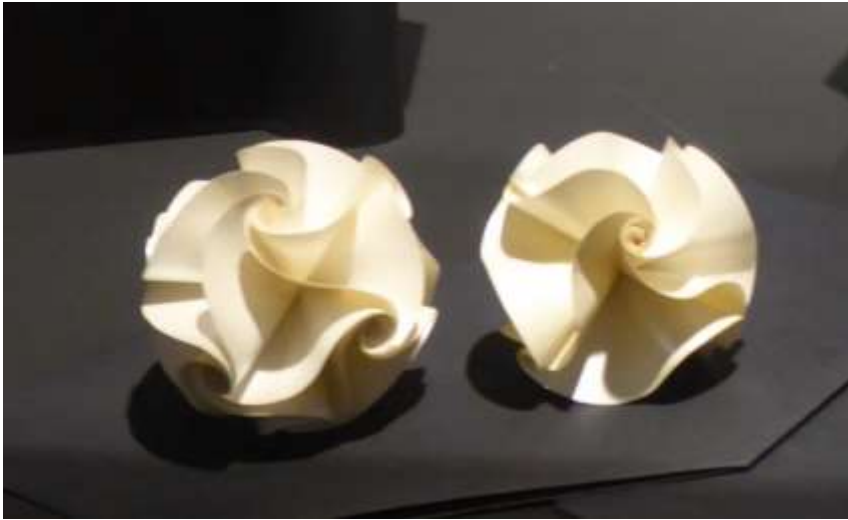
Vermelho Dentro de Branco

Czerwone w białym

2010 (K10018)



There is a red ball of 18 flowers inside the model (red) for stabilization all the structure made of strips which can exist alone as well. The artwork was placed at the cover of the proceedings of the OSME conference “Origami 5: Fifth International Meeting of Origami Science, Mathematics, and Education”, CRC Press, 2011



Geodesics. Icosahedron and Octahedron

Geodésica. Icosaedro
e Octaedro

Geodezyjne. Dwudziestościan i ośmiościan
2010 (K10072)

Paper

What does it mean “the shortest way”? On a sphere a great circle arc is such a way. But what happens when a sphere has singularities with vortexes?



Simple Spidron

Spidron simples

Prosty spid

2009 (K09089)

Paper



The Republic / The Republic Ashamed

Répubblica / República com Vergonha

Rzeczpospolita / Rzeczpospolita czerwona ze wstydu

2015 (K15133)

Paper

There are moments in the life of a state when its citizens may be proud, but there are also moments when they cover their eyes with shame.



From Octahedron to Cube

2008

Paper

All works of this series start from the same size of square sheet of paper. Gradual increase of the central part shows in few steps how close are structures of the Cube and the Octahedron as well as duality of these solids. The elements are joined by spirals. Such technique resulted in broken symmetry, all orientation-reversing symmetries are eliminated (mirror and central symmetry) and only rotation symmetry is left in the symmetry group of the objects.



Dancing with Spirals

Dançando com espirais

Tańczący ze spiralami

2023 (K23022)

Paper



In Spite of Others

Apesar dos outros

Na przekór innym

2015 (K15110)

Paper



Shine or Matte?

Brilhante ou fosco?

Błyszczący czy matowy?

2024 (K24006)

Paper



Virus of Hope

Vírus da Esperança

Wirus nadziei

2020 (K20062), Paper



Una flor y nueve enanitos

2005-2008, Papel



Water Park

Parque aquático

Park wodny

2015 (K15095), Paper

Thirty trampolines to jump inside the water! Twenty small lakes and twelve dangerous vortexes! And corridors joining peaks of the water icosahedron.



Together

Juntos!

Razem

2015 (K15103)

Paper

I do not use any calculator to twist spirals. Sometimes I have problems how to join. I know the structure and positions of all modules but sometimes I must repeat joining several times. When spirals are really small physics verifies work of paper and the paperfolder.



River Beach

Praia Fluvial

Plaża nad rzeką

2022 (K22122) Paper



Sunset Stained Glass

Serie: Pencil Shaving

Série “Aparas” - Vitral do Pôr do Sol

Seria „Strużyny” - Witraż z zachodem słońca

2015 (K16020) Paper

The light of the setting sun is reflected in pieces of glass and forms a red glow. But this is just an illusion, there is no glass, there is no sun. We just look deep into a geometric structure. We see black lines marking the borders as in stained glass window.



Woman's Dream

Serie: Pencil Shaving

Série “Aparas”. O Sonho de Mulher

Seria „Strużyny”. Kobięce marzenie

2015 (K16001)

Paper

Pink is a color commonly associated with a woman, with a little woman. In my work, pink fragments create a three-dimensional layout, and black lines give the illusion of stained glass. Does it symbolize the world seen through the rose-colored window, or just the dream of this simple world?



Vortexes of Light

Vórtices de luz

Wiry światła

2021 (K21091)

Paper



Dragon Egg

Ovo de dragão

Jajo smoka

2009 (I09003)

Paper

When I move to a new home or a new studio, I create a new “Dragon Egg”. The blue sky, the sun on the sea – these are the

words I could use to describe the egg for my new home in Portugal. Something new, but also a connection to my previous life. A breath of fresh air but also a reminder of the old days.

Like a cornerstone!



Mystery

Mistério

Tajemnica

2022 (K22019)

Paper



People

Serie: Pencil Shaving

Série "Aparas".

Gente

Seria „Strużyny”. Ludzie

2016 (K16015)

Paper

**We can join in a
chaotic way different**

modules, high, medium and low, into a unique form.





Three Blue Charites - Euphosyne

Três Graças Azuis - Eufrosine

Trzy niebieskie Gracje -
Eufrozyna

2018 (K18033)

Paper



Three Blue Charites - Aglaea

Três Graças Azuis - Aglaia

Trzy niebieskie Gracje -
Aglaja

2018 (K18040)

Paper



Zebrina

Zebrinha

Zebrunia

2020 (K20095)

Paper



Three Blue Charites - Thalia

Três Graças Azuis – Tália

Trzy niebieskie Gracje -

Taleja

2018 (K18063)



Arabesque

Arabesco

Arabeska

2023 (K23017)

Paper



King of March

Rei de março

Marcowy król

2014 (K14032)

Paper



Doubts

Dúvidas

Wątpliwości

2017 (K17075)

Paper



That's It!

Eis isso!

Tak ma być!

2018 (K18038)

Paper

15 x 15 cm, paper

Is it ready? Yes, it is.

Did you miss or damage something? No, I didn't!



No Title Yet!

Ainda sem Nome!

Jeszcze bez nazwy!

2019 (K19008)

Paper



Angel Wings 2

Asas de Anjo 2

Faworki 2

2012 (K12091)

Paper

Angel Wings 3

Asas de Anjo 3

Faworki 3

2012 (K12094)

Paper

There is a cake in Poland, which is made from a rectangular strip of thin dough with a straight cut in the middle parallel to the long side. We can turn the strips on both sides of the cut by passing one end of the strip through the hole.





Virus of Goodness

Vírus da Bondade

Wirus pomysłności

2020 (K20002)

Paper



AntiVirus

Anti-Vírus

Anty-wirus

2020 (K20003)

Paper



Curiosity Bacillus

Bacilo de Curiosidade

Bakcyl ciekawości

2019 (K19004)

Paper



Melted from pieces

Derretido de pedaços

Stopiona z kawałków

2022 (K22089)

Paper



Graining

Grão de madeira

Usłojenie

2015 (K15069)

Paper



Friend of the Roses

Amigo de Rosas

Przyjaciel Róż

2024 (K24004)

Paper



Friend of Rainbow

Amigo de Arco-Iris

Przyjaciel Tęczy

2024 (K24006)

Paper



Friend of the *Marsh-marigold*

Amigo de malmequer-dos-brejos

Przyjaciel Kaczeńców

2024 (K24005)

Paper



American beech (Fagus Grandifolia)

Faia americana; (Fagus
Grandifolia)

Buk wielkolistny (Fagus
Grandifolia)

2015 (K15011)

Paper

When autumn comes (it finally does), beech leaves remain on the trees. change their color and the light shines through the branches.

The work is an expression of my longing for autumn beeches and for “beech walks” on sunny days in Polish mountains.



Daddy

Papai

Tatuś

2022 (K22099)

Paper



Thinking about Fractals

Pensamentos a vagar aos
fractais

Myślami błędząc ku fraktalom
2016 (K16100)

Paper

**Koch's Snowflake is one of my
favorite fractals. I know, it's not
the same symmetry, different
structure, but the feeling that
something extraordinary is
happening here is the same.**



Star of Darkness

Estrela da Escuridão

Gwiazda ciemności

2020 (K20045) Paper



Star of Prosperity

Estrela da Prosperidade

Gwiazda pomyślności

2020 (K20036)

Paper



At the Gate of the Hell

À Porta do Inferno

U bram piekieł

2020 (K20048)

Paper

Remember Lombardy, Italy at 2020.



Rose Petals Ball

Bola de Pétalas de Rosa

Kula z płatków róży

2010

Paper

Rose flowers (pentagonal stars) aren't necessary, but have made the form stronger (it is an example of simple application of the triangulation of a polyhedron as the Snub Dodecahedron is the base of the work).



Crowds

Toda a Gente

Cizba

2021 (K21022)

Paper



Eternity

Eternidade

Wieczność

2016 (K16056)

Paper

Do we need all eternity to undo this knot? Or is it just an illusion? Perhaps the parts of this form are enough separate to that not twist together although they touch, but

enough joined to create a structure? How strong is the bond that connects them? And is eternity necessary?



Greetings from Poland

Saudações da Polônia

Pozdrowienia z Polski

2007 (K07001) Paper

5 models



Kill the Virus!

Matar o Vírus!

Zabić wirusa

2021 (K21024)

Paper



Carris. Start of Service

Carris. Inicio de servico

Carris. Wyjazd na trasę

2020 (K20096)

Paper



Carris. Driving Course

Carris. Formação

Carris. Nauka Jazdy

2020 (K20098)

Paper



Puff Star

Estrela soprada

Puchata gwiazda

2009 (K09148)

Paper



Copper convexities

Convexidades de cobre

Miedziane wypukłości

2018 (K18028)

Paper



Rhombic

Triacontahedron

Triacontaedro Rômbico

Trzydziestościan rombowy

2010 (K10110)

Paper



Waiting for a vaccine

À espera da vacina

Czekając na szczepionkę

2020 (K20103)

Paper



Rays of light

Raios de luz

Smugi światła

2021 (K21044)

Paper



Gold Nugget

Pepita

Samorodek

2013 (K13052)



Tomorrow

Amanhã

Jutro

2021 (K21013)

Paper



Between the dunes

Entre as Dunas

Między wydrami

2023 (K23032)

Paper



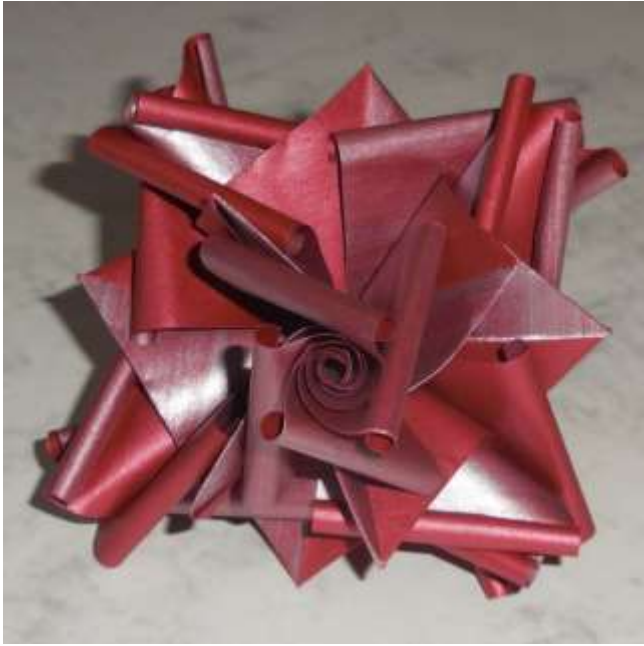
Cube of Roses

Rosa Cubico

Róża kwadratowa

2016 (K17019)

Paper



The High Four

Os quatro altos

Wysoka Czwórka

2016 (K16125)

Paper

**Inspired by the High Five
Interchange in Dallas**



T Junction

Cruzamento de três vias

Skrzyżowanie trzech dróg

2016 (K16126)

Paper



Leaves in the wind

Folhas ao vento

Liście na wietrze

2018 (K18062)

Paper



Night Sky Stars

Estrelas de céu noturno

Gwiazdy nocnego nieba

2021 (K21040)



Separatum

Separatum

Separatum

2016 (K16097)

Paper



Fate

Destino

Fatum

2016 (K17008)

Paper



Together or separately, or meetings limited

Juntos ou separados ou
reuniões condicionadas

Razem czy osobno czyli

spotkania limitowane

2020 (K20105) Paper



Six Stars (Three Legs)

Seis Estrelas (Três Pernas)

6 gwiazdek (Trójnogi)

2009 (K09040)

Paper



Heart Kusudama

Corações

Serduszka

2009 (K09142)

Paper



Swamp

Paul

Bagno

2018 (K18025)

Paper



Greennie (60)

Verdinho (60)

Zielątko (60)

2020 (K20039)

Paper



Geodesics 540 - Évora

Geodésicas 540 – Évora
Geodezyjne 540 – Évora
2018 (K18043)

Paper

**There is a technic of wall décor in
Evora in Portugal (sgraffito). Two**

**layers of contrasting slip are applied, then scratching the upper
layer reveals areas in different color of the underlying layer.**



Geodesics. Rhombicosidodecahedron

Geodésica.

Rombicosidodecaedro

Geodesics. 20-12-ścian
rombowy mały

2010 (K10082) Paper



Plattenbau

Plattenbau

Wielka płyta

2018 (K18037)

Paper

With love to Mr. Corbusier



Dance of Butterflies

Dança das Borboletas

Taniec motyli

2012 (K12024) Paper

There is an origami butterfly by Shumakovs. I like this simple shape. I changed the number of folded lines and turned this shape into waves. And it became possible to join them.



Cabbage soup

Sopinha de couve

Kapuśniaczek

2019 (K19036) Paper



Instead of the Golden Swan Serie

2013



Golden Satellite

Satélite Dourado

Złoty satelita

2013 (K13066)

Paper



Golden Chinese Take Away

Comida Chinesa Dourada

Złocista chińszczyzna na wynos

2013 (K13063)

Paper



Golden Feather

Pena dourada

Złote pióro

2013 (K13057)

Paper



Golden Rose

Rosa Dourada

Złota róża

2013 (K13060)

Paper



Goldish

Douradinho

Złotko

2013 (K13062)

Paper



Golden Time

Época Dourada

Złote czasy

2013 (K13064)

Paper



Golden Arch

Arco Dourado

Złoty łuk

2013 (K13058)

Paper



Golden Harmony

Harmonia Dourada

Złota harmonijka

2013 (K13065)

Paper



Golden Duck

Pato Dourado

Złota kaczka

2013 (K13069)

Paper



Golden Butterfly

Borboleta Dourada

Złoty motyl

2013 (K13067)

Paper



Golden Gate

Portão Dourado

Złota Brama

2013 (K13059)

Paper



Waves of the Earth

Ondas da Terra

Fale Ziemi

2013-2019

Paper



Weaves at the Sea

Ondas do Mar

Fale na morzu

2013-2019



Waves in the Air

Ondas do Ar

Fale powietrza

2013-2019



Treasure 1

Tesouro 1

Skarb 1

2013 (K13076)

Digital print



Treasure 2

Tesouro 2

Skarb 2

2013 (K13076)

Digital print



Gleam

Brilho

Lśnienie

2014 (K14087)

Digital print



Four Seasons

Quatro estações

Cztery pory roku

2008

Paper

Four seasons, but only three works. The last one, Winter, is still unfinished. Maybe it's not time for the final yet?



Old Sun

Sol Velho

Stare słońce

2014

Digital print



Herd

Horda

Stado

2013 (K13058)

Digital print



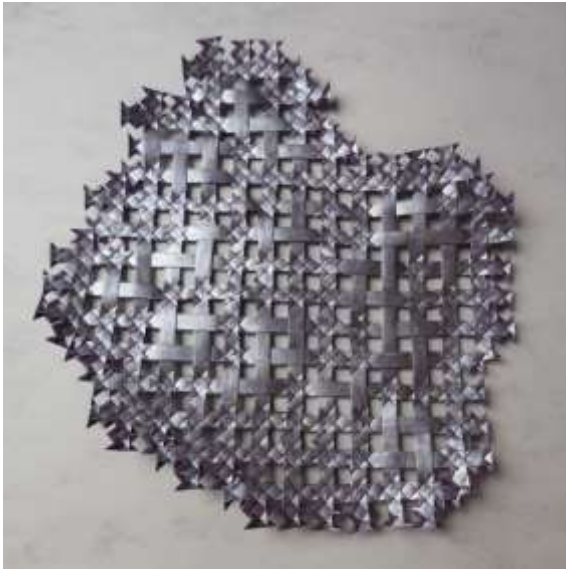
New Housing Estate

Bairro Novo

Blokowisko

2015

Digital print



Mosaic – Map

Mosaico – Mapa

Mozaika – Mapa

2013

Digital print

Streets? Squares? Or only a network of connections? Turning points or irrelevant points? Finished form or incomplete one? Finite or boundless?



Eternity

Eternidade

Wieczność

2016 (K16056)

Digital print



Wonderful

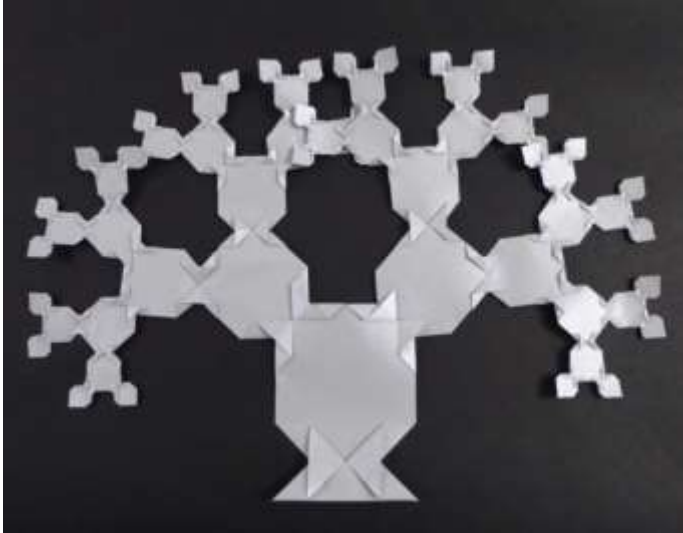
Maravilhosa

Cudowna

2017, K17046

Digital print

Born in Washington, DC, US



Ideal Tree

Árvore ideal

Drzewko idealne

2003

Paper

The Pythagorean Tree. How many branches? How many rectangles?



Per procura ad astra

Per procura ad astra

Przez trudy do gwiazd

2011 (I11013)



Light as a Feather

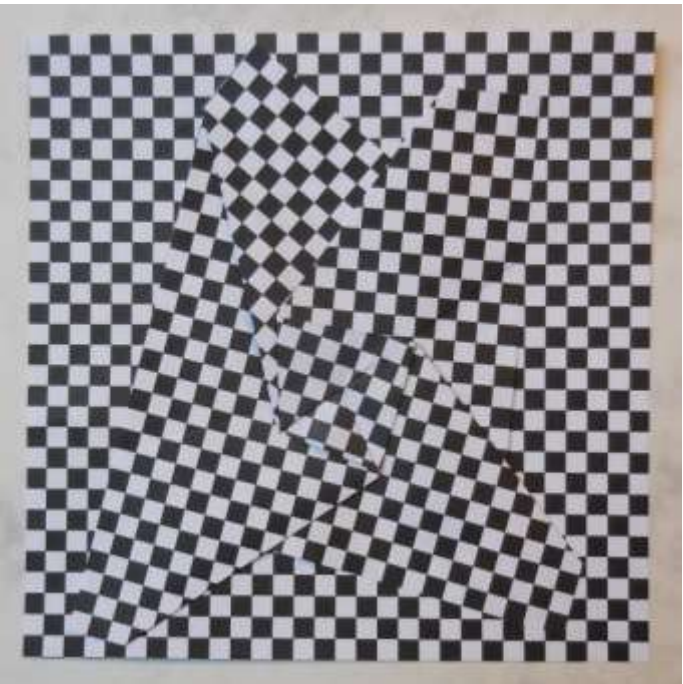
Leve como uma pena

Lekki jak piórko

2015 (K15125)

Digital print

Homage to Jun Mitani



Lost in the Space

Perdido no Espaço

Zagubiony w przestrzeni

2015 (I15004)

Digital print



Electroknight

'Electrivaleiro'

Elektrycerz

2015 (I15008)

Digital print

Dissonance

Dissonância

Dysonans

2015 (K15064)

Digital print

The clear form of the Octahedron is broken by crumpled edges, sunken facet centers, and vertices turned into vortices. All of these changes were intentional, even though they destroy the common understanding of the structure of a regular polyhedron.

What we see and what it really is...

We cannot be sure, not just in this situation.

Brush

Pincel

Pędzelek

2014 (K14073) Digital print





Pink Palace

Palácio Cor de Rosa

Różowy pałac

2014

Digital print



Golden Rose

Rosa Dourada

Złota róża

2013

Digital print



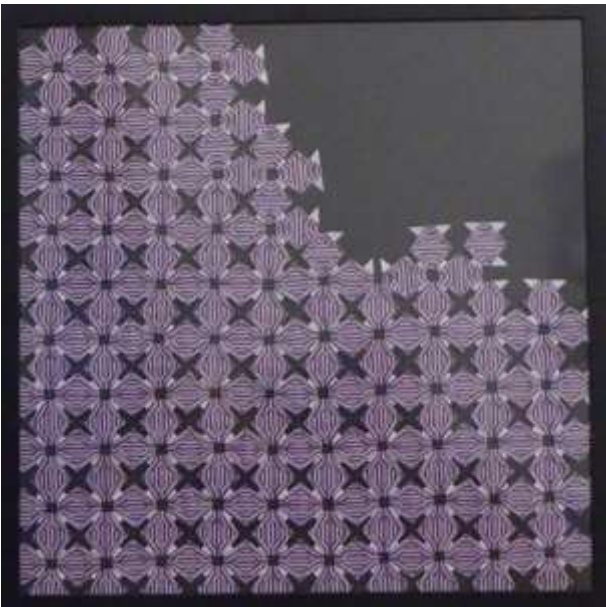
Chickweed

Morugem-branca (*Stellaria media*)

Gwiazdnica

2014 (I14020)

Paper



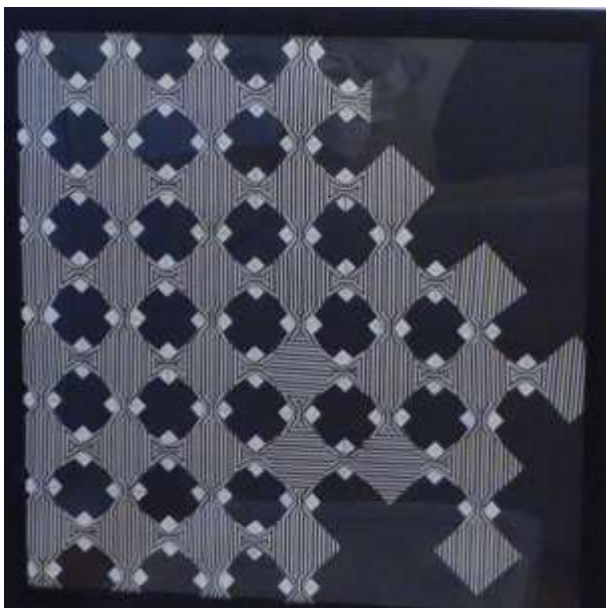
Blooming Almonds

Amendoeira Florescente

Kwitnący sad migdałowy

2014 (I14019)

Paper



Squares everywhere

Quadrados em Todos os Lados

Wszędzie kwadraty

2014 (I14018)

Paper