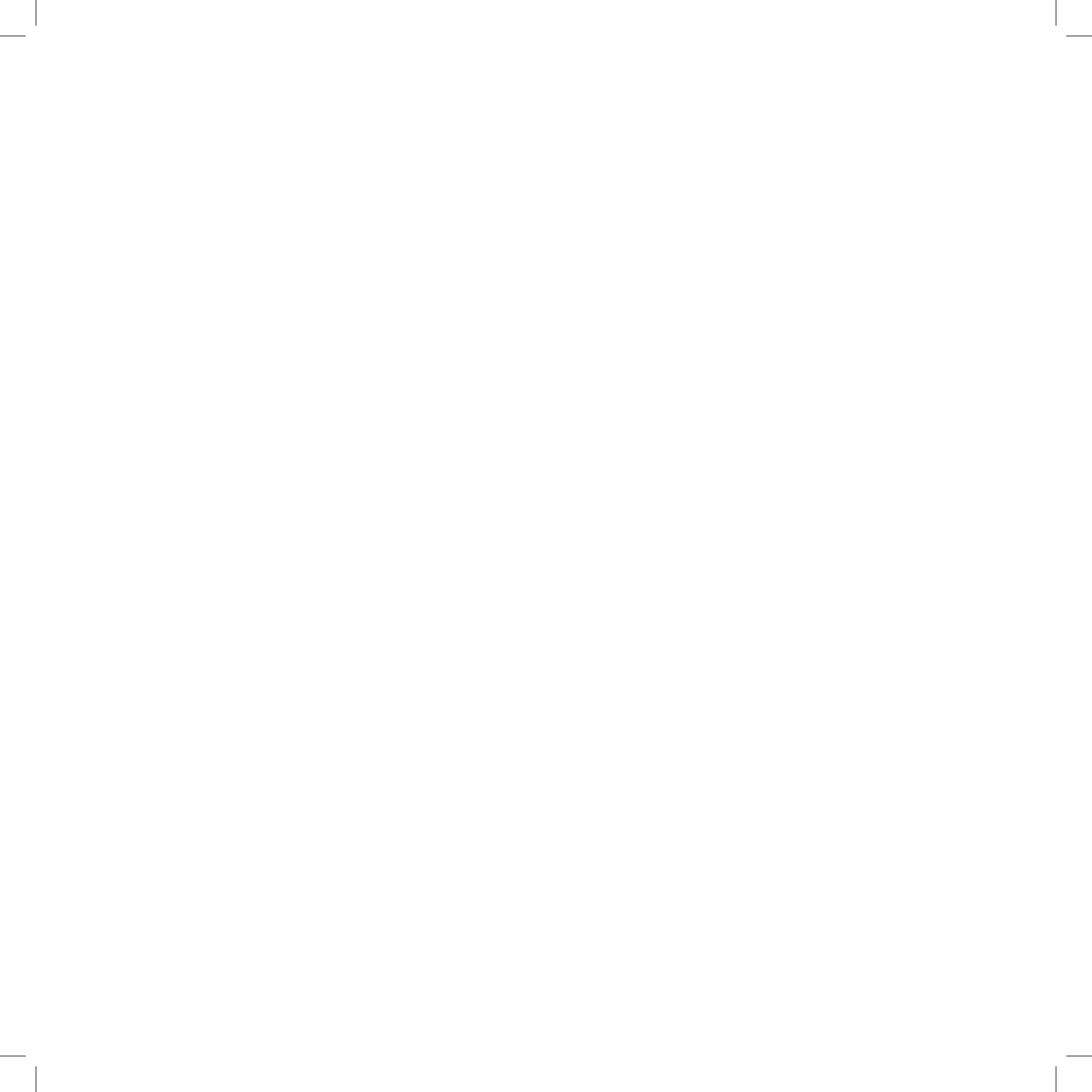


RESONANCE

Patterns of Connection

SEAN CLARK
ESTHER ROLINSON



RESONANCE

PATTERNS OF CONNECTION

An exhibition of work by
Esther Rolinson and Sean Clark

LCB Depot Lightbox Gallery, Leicester
December 2017

ACKNOWLEDGEMENTS

Resonance is an Interact Digital Arts exhibition.
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for their generous support in helping to make this exhibition happen.

With thanks to:

Ian Craig - Designer
Fraser Kent - Production Manager
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Ian Fuller Woodworks
Stephen Lynch - Digital Frames
A&G Framers
Ben Fredericks - Production Support

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INTRODUCTION

In **Resonance** artists Esther Rolinson and Sean Clark show artworks that explore their shared interests in connectedness. The pieces vary from computer-generated light works and digital screens to three dimensional structures, high-quality prints and ink drawings.

The exhibition reveals the diversity of Sean Clark and Esther Rolinson's art practices, as well as their common ground.

It includes new individual artworks as well as their latest experimental work together, in which Esther Rolinson's digital drawings, produced using an app written by Sean Clark, are captured, deconstructed and represented.

This work-in-progress aims to create a dialogue between hand-drawing and digital construction. This emerging process translates rhythms of movement in the drawings into light sequences in the Esther Rolinson's light works.

Sean Clark's new work continues his exploration of connected digital artworks and "cybernetic ecologies". Custom-made digital screens show new internet-

connected artworks and digital prints. The collection focuses on the relationship between individual parts and how they interact to become a whole system.

Esther Rolinson's work includes small-scale sculptural light works and drawings developed over 2017 in her process based art practice.

These are explorations of felt sensations and sounds investigating structures and patterns in human experience. The pieces show the intricacy of Rolinson's practice from instinctive and rule based drawing to complex programmed sculptural systems.

Esther Rolinson first worked with Sean Clark as a programming consultant for her light installation works "*Melt, Splinter and Thread*", exhibited at The Cube at Phoenix in Leicester in 2013.

Following this, Sean Clark collaborated with Esther Rolinson on the programming development for her light installation "*Flown*" that went on to win The Lumen Global Digital Arts Prize, Sculptural and 3D Award 2016 and the inaugural ArtChi Prize, San Jose, California, 2016.

ESTHER ROLINSON - BIOGRAPHY

Esther Rolinson is an award winning UK based artist who makes light installations and sculptural works through drawing. Working since 1999, she has major permanent installations in the UK and exhibits her works internationally.

Her drawings are exhibited in their own right and examples of her two dimensional works have been acquired for the Victoria and Albert Museum Digital Art Collection.

Rolinson makes drawings in experimental ways to understand structures and sensations, often using simple systems to render overall complex forms.

She extends her drawing techniques to develop physical forms and movement sequences that underpin the programming of light movements in her installations.

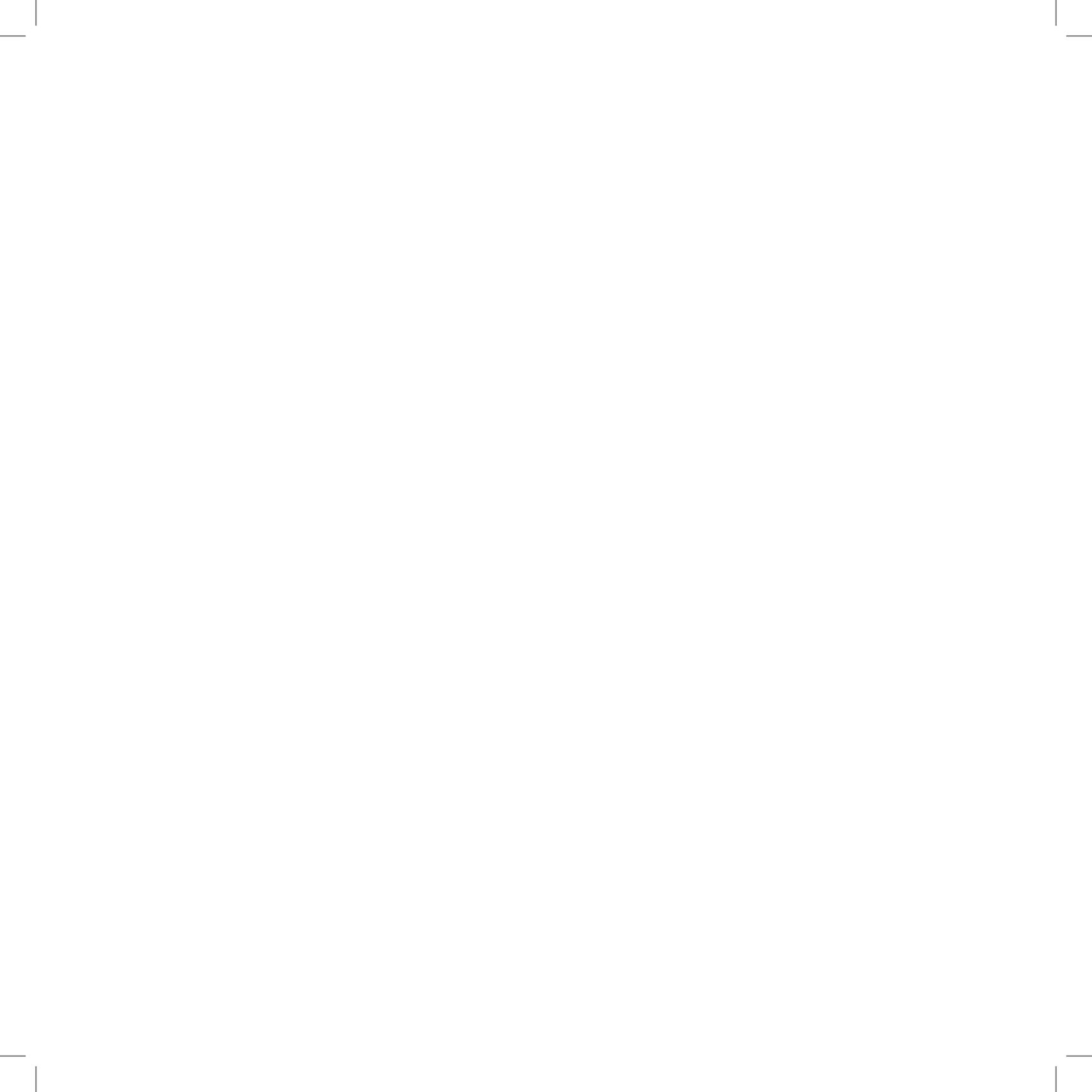
SEAN CLARK - BIOGRAPHY

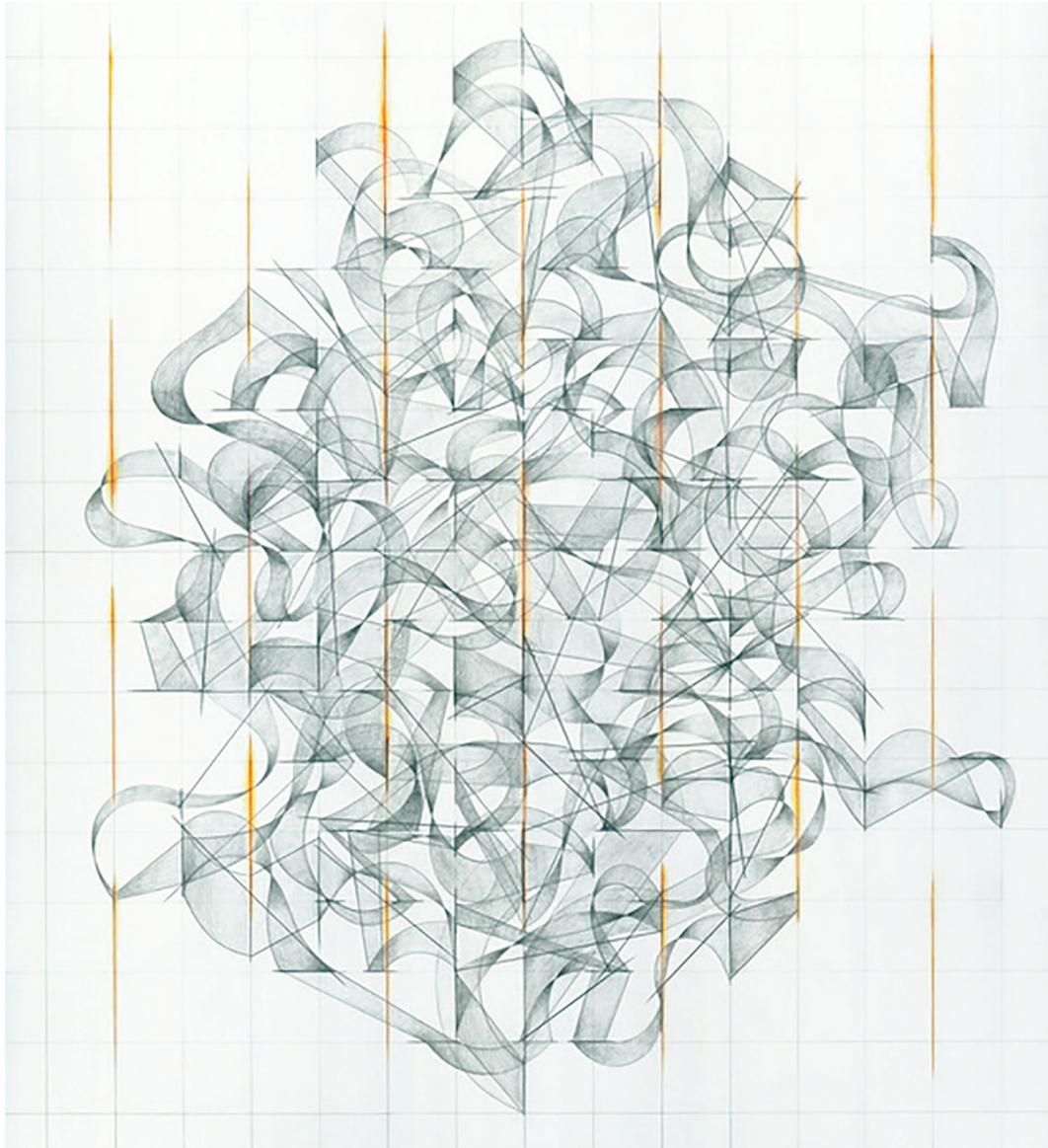
Sean Clark is an artist and programmer based in Leicester. His practice involves the creation of screen-based and 3D digital artworks that explore the nature of interactivity, flow and connectedness.

Inspired by systems theory and cybernetics, he makes use of a wide range of computer hardware and software in his work, plus 3D printing, electronics and digital lighting. He showed his first gallery-based installation in 2000 and has continued to exhibit

nationally and internationally ever since. As well as being a practicing artist, he also works as a digital arts curator and educator.

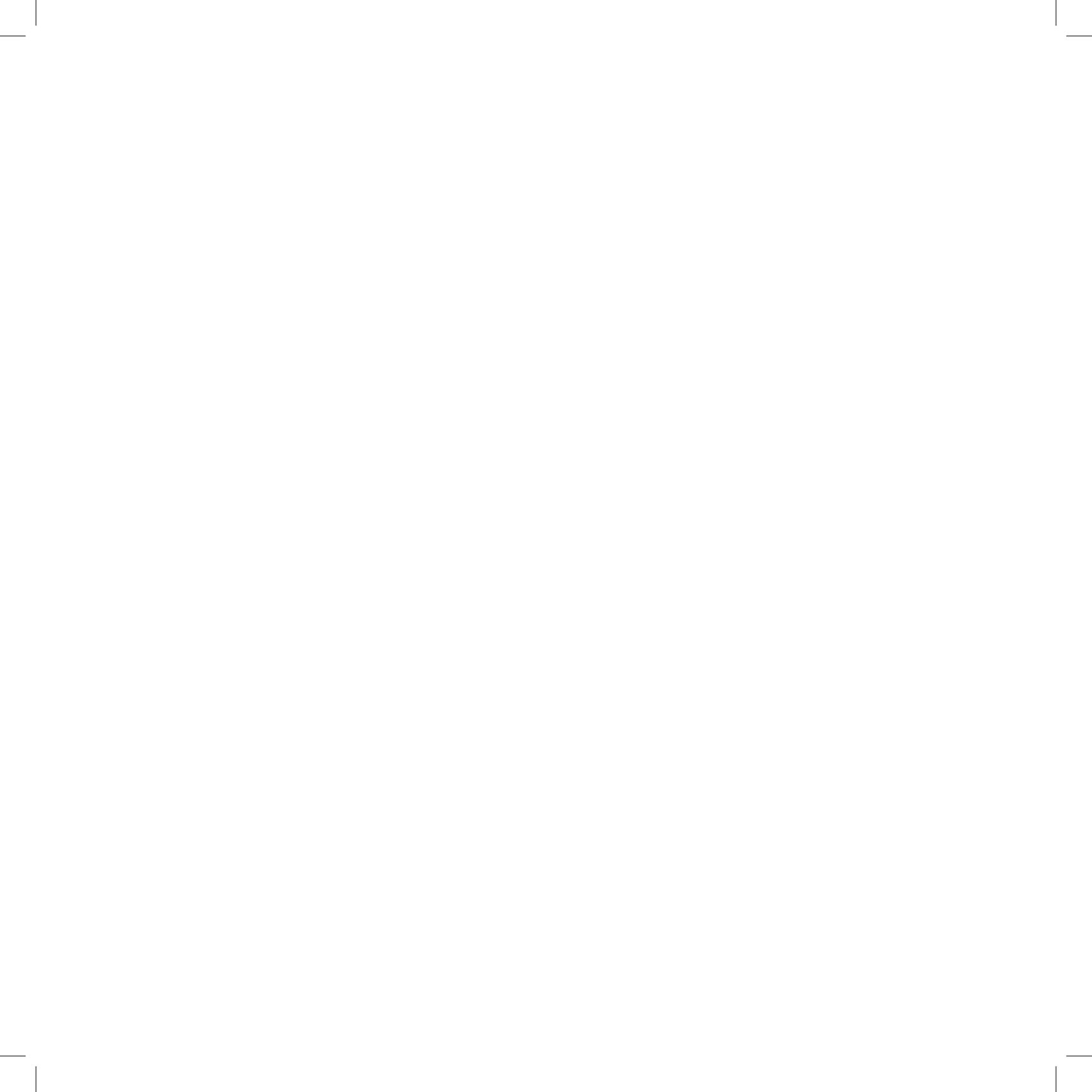
He is an International Professor at GuangDong University of Technology in China, a Visiting Research Fellow at De Montfort University, a member of the Computer Arts Society and a Fellow of the British Computer Society.

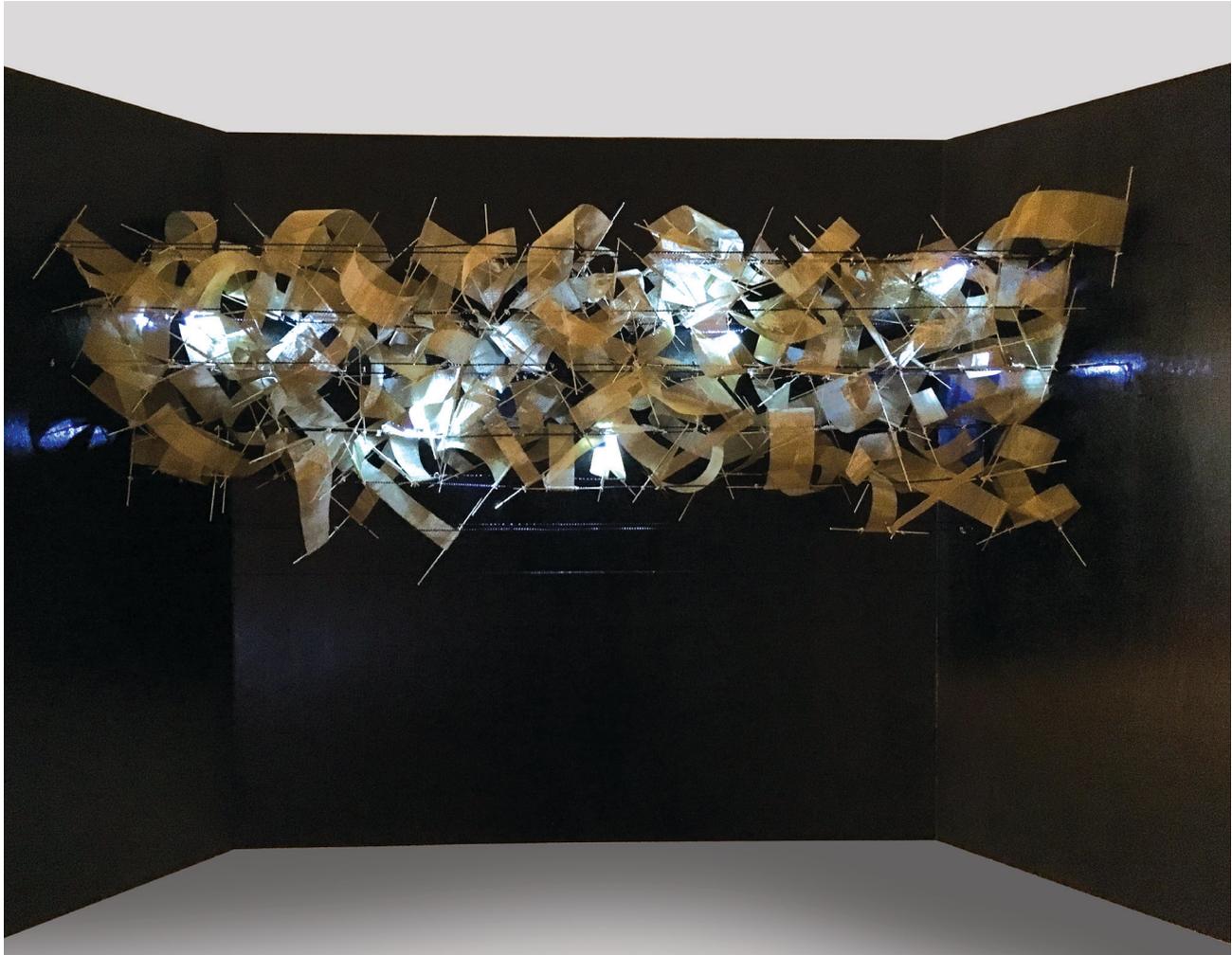




Revolve (2017)
Esther Rolinson

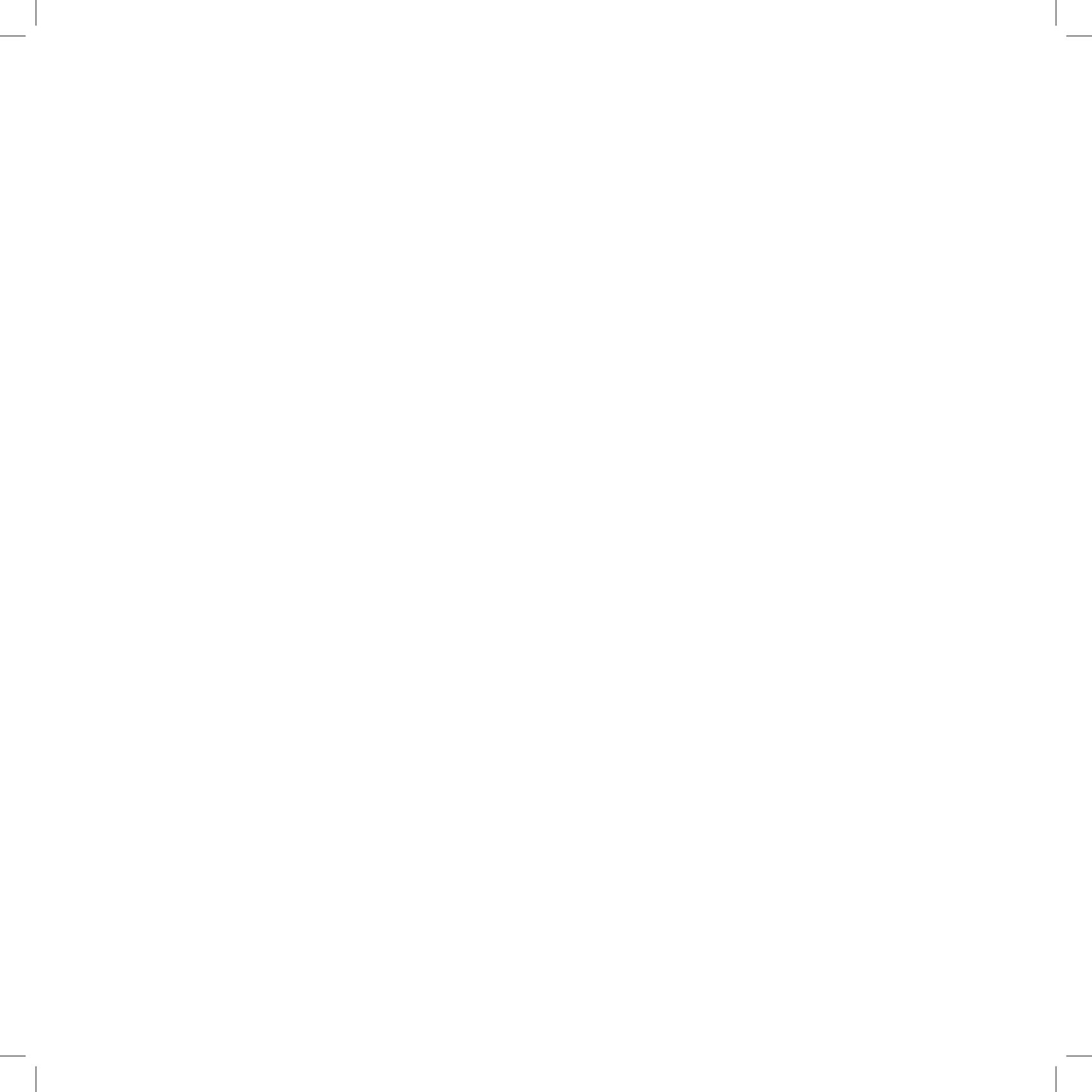
Pencil crayon drawing on paper. 110cm x 110cm.

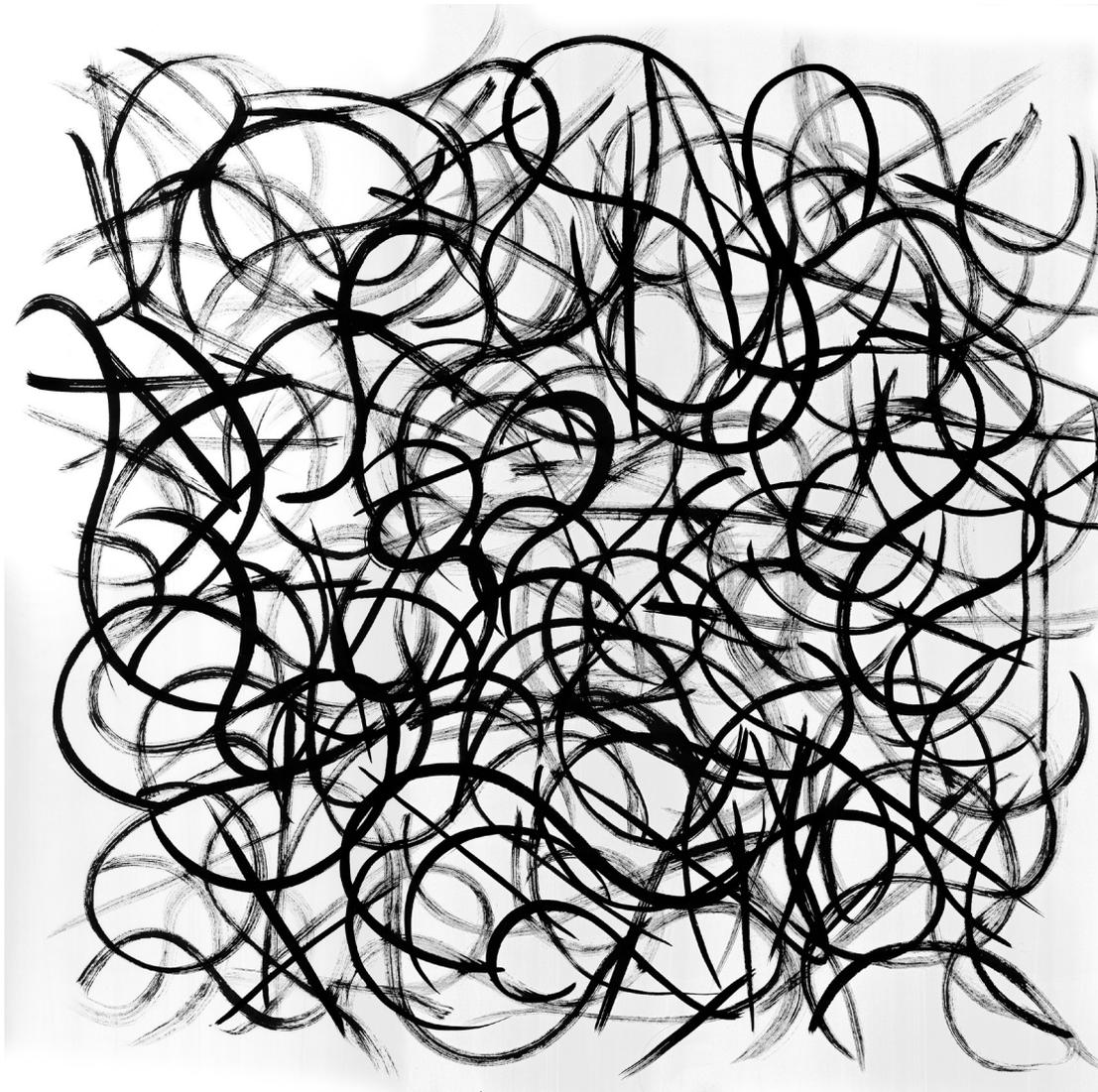




Revolve maquette (2017)
Esther Rolinson

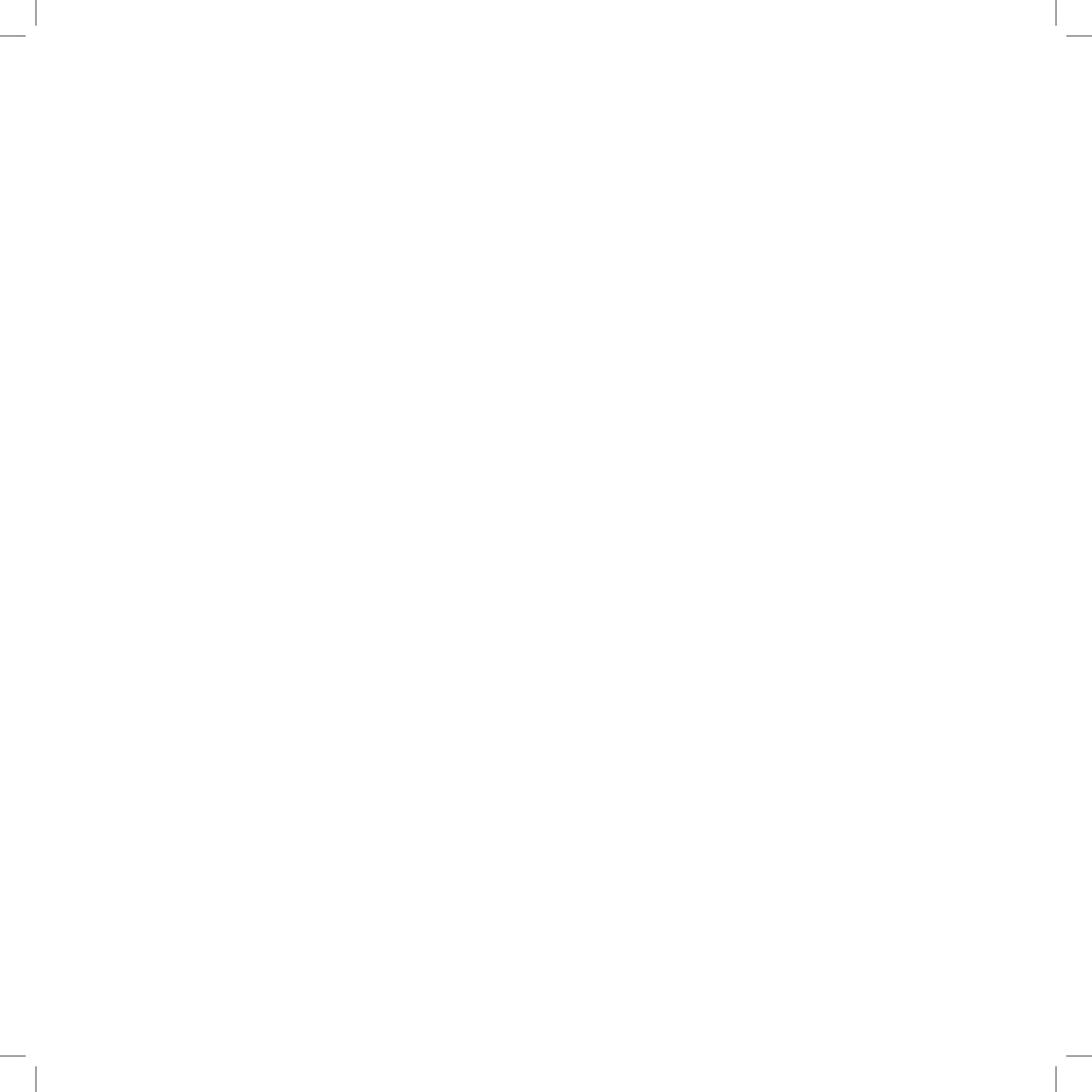
Brass mesh and programmed LEDs. 180cm x 110cm.
Programming developed in collaboration with Sean Clark.

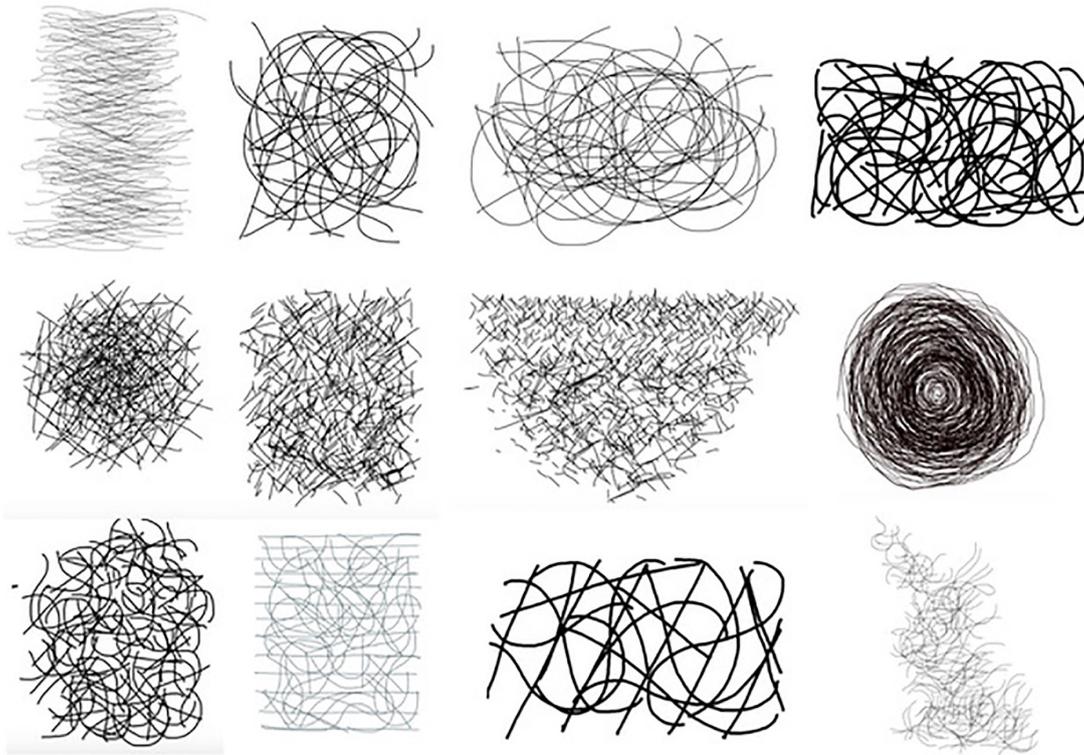




Bound (2017)
Esther Rolinson

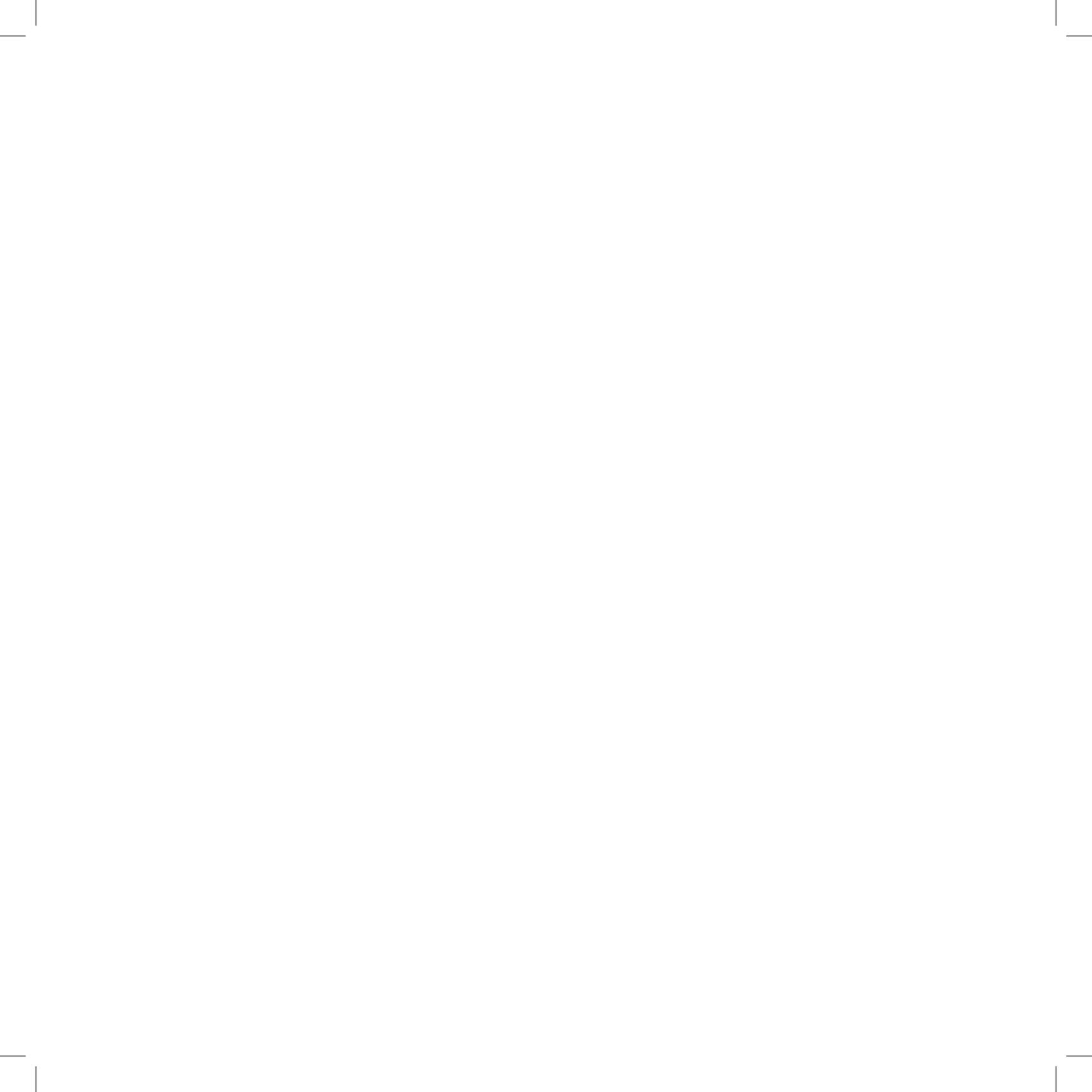
5 minute ink drawing on paper. 110 cm x 110cm.

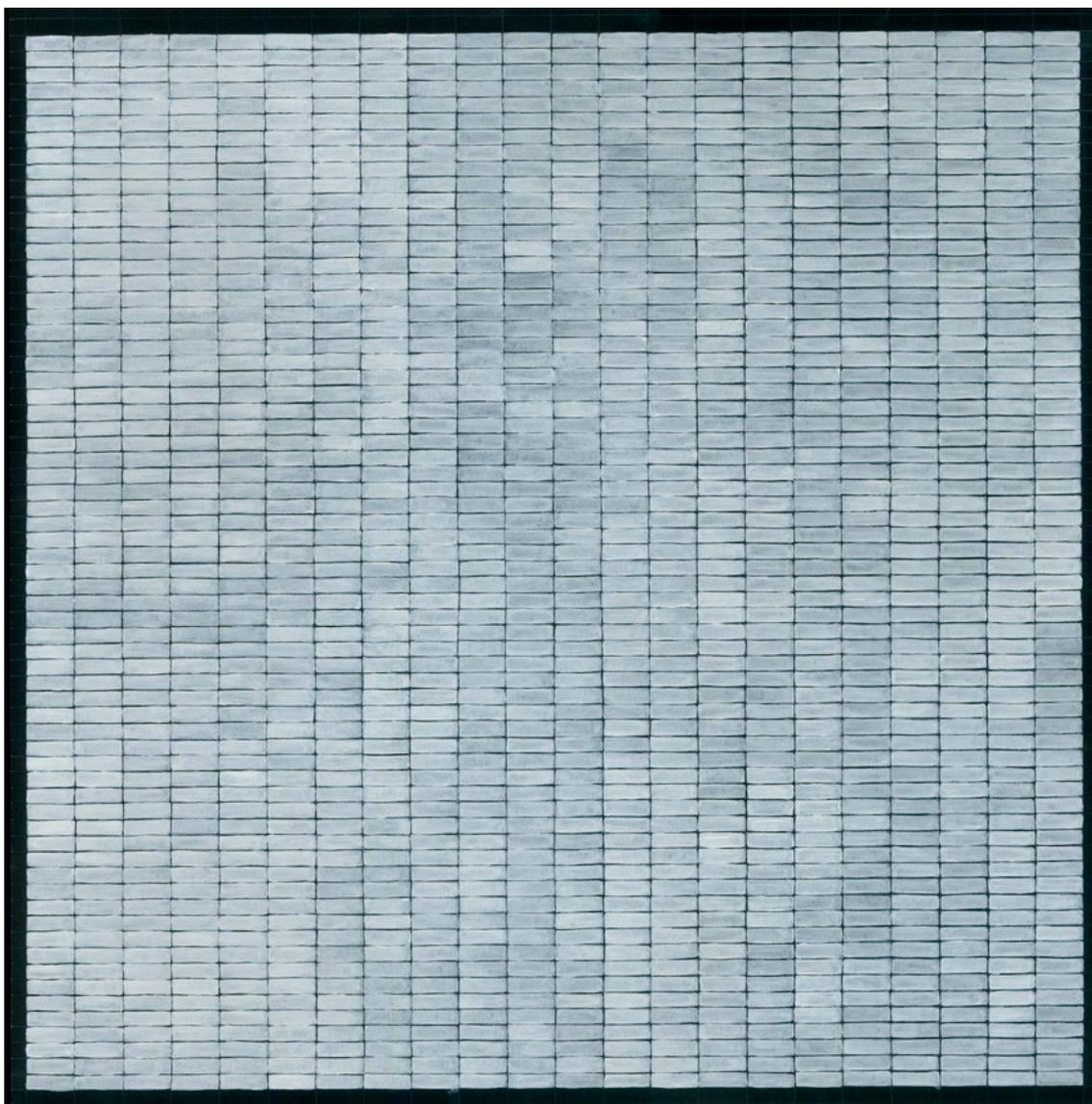




Movement Capture (2017)

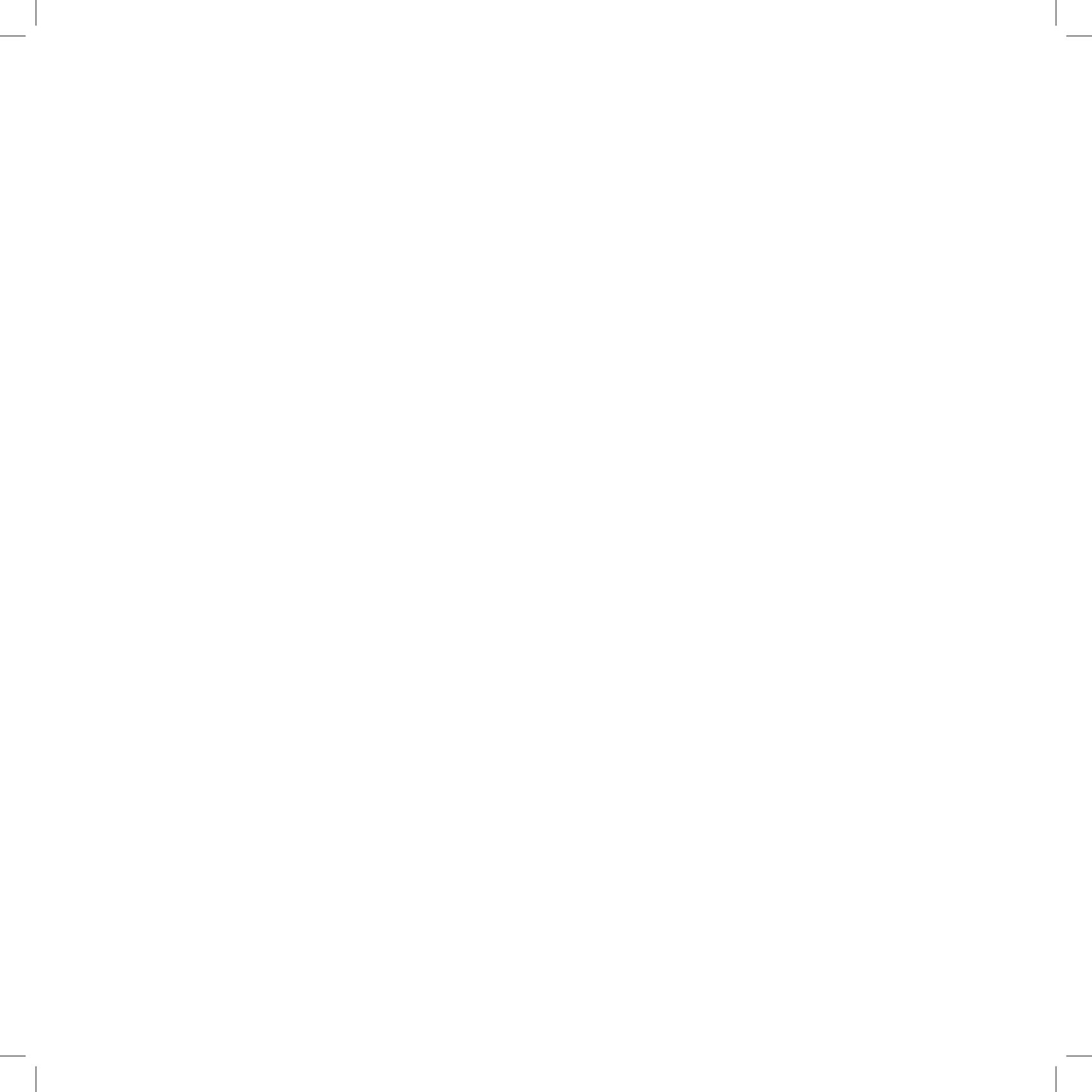
Drawn by Esther Rolinson in drawing/movement capture app written by Sean Clark. Each gesture is recorded and can be played back as a starting point for deconstructing the patterns inside the drawings.

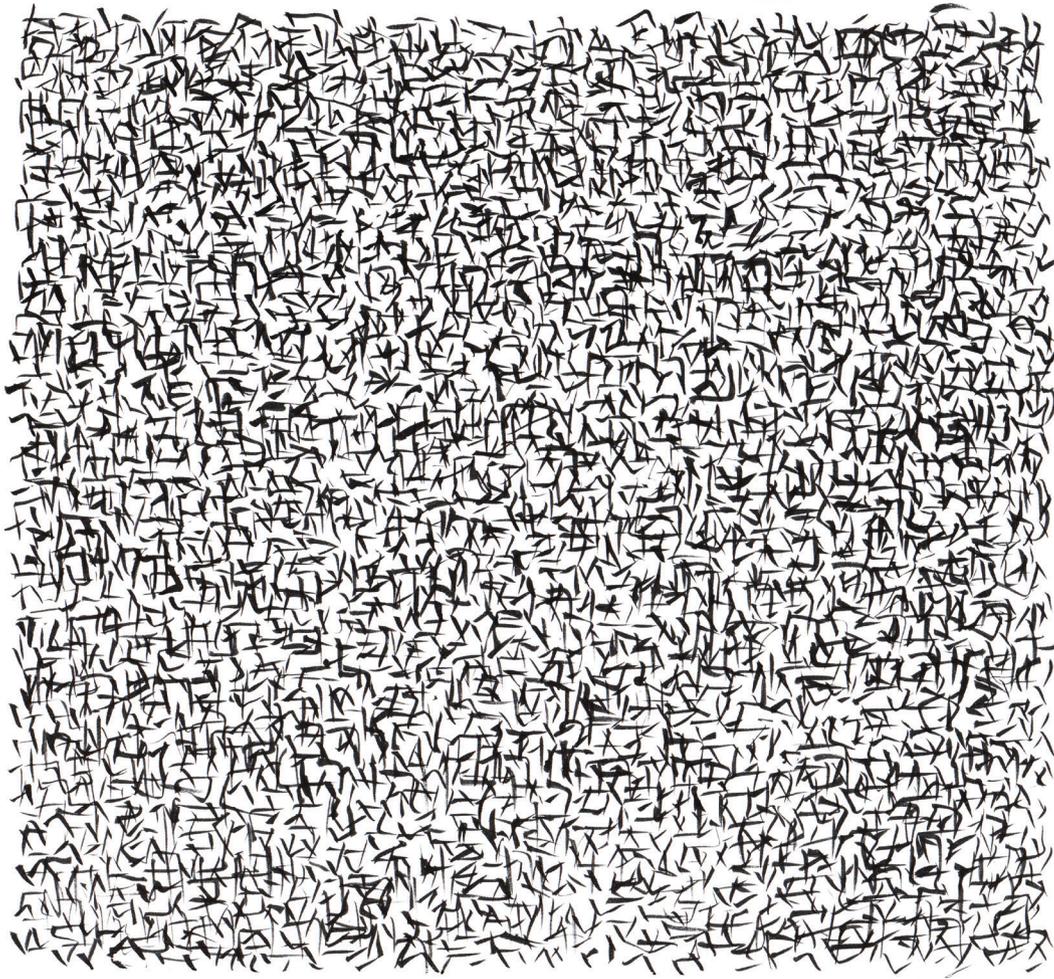




Facets - Neutral State (2017)
Esther Rolinson

Acrylic on board. 72cm x 72cm.

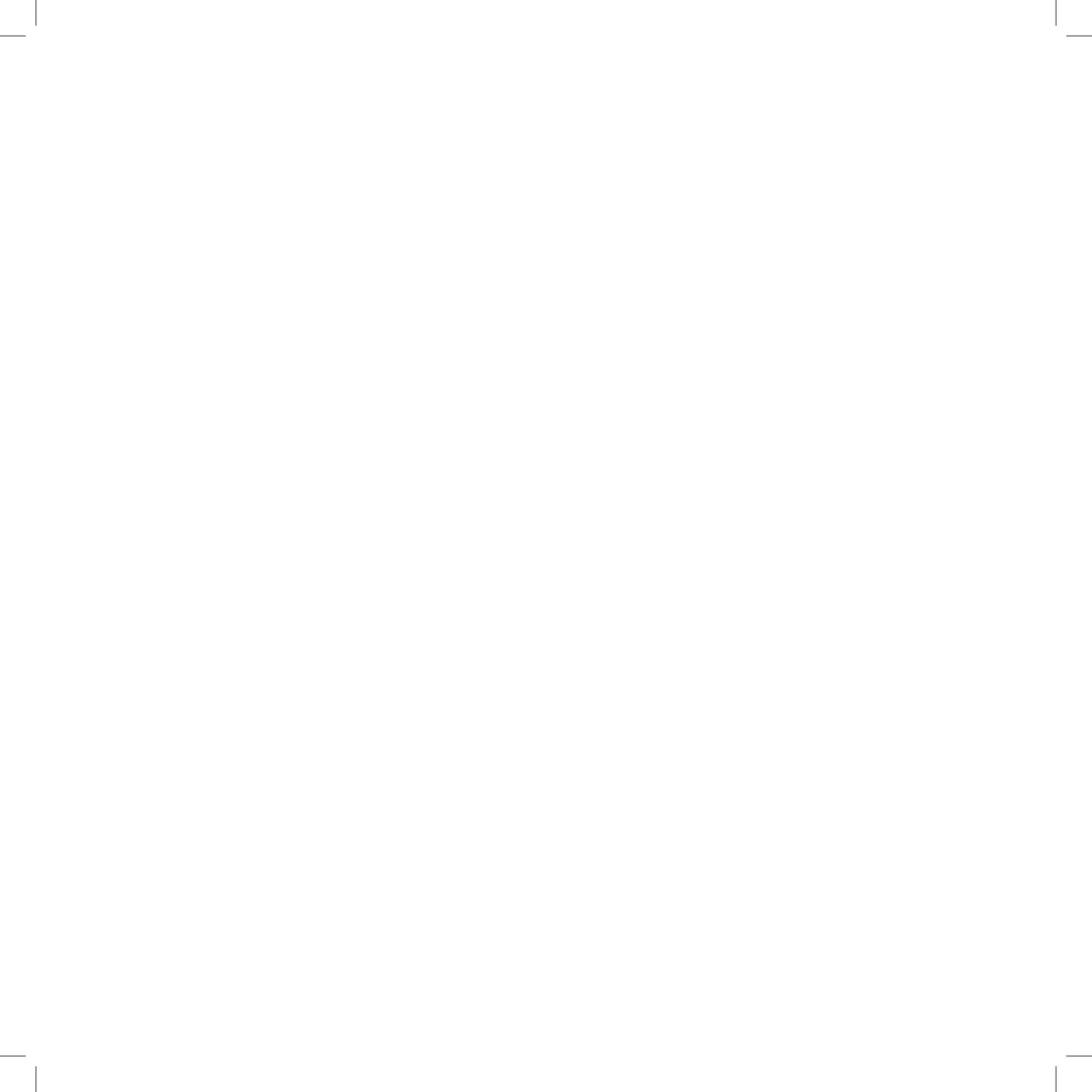


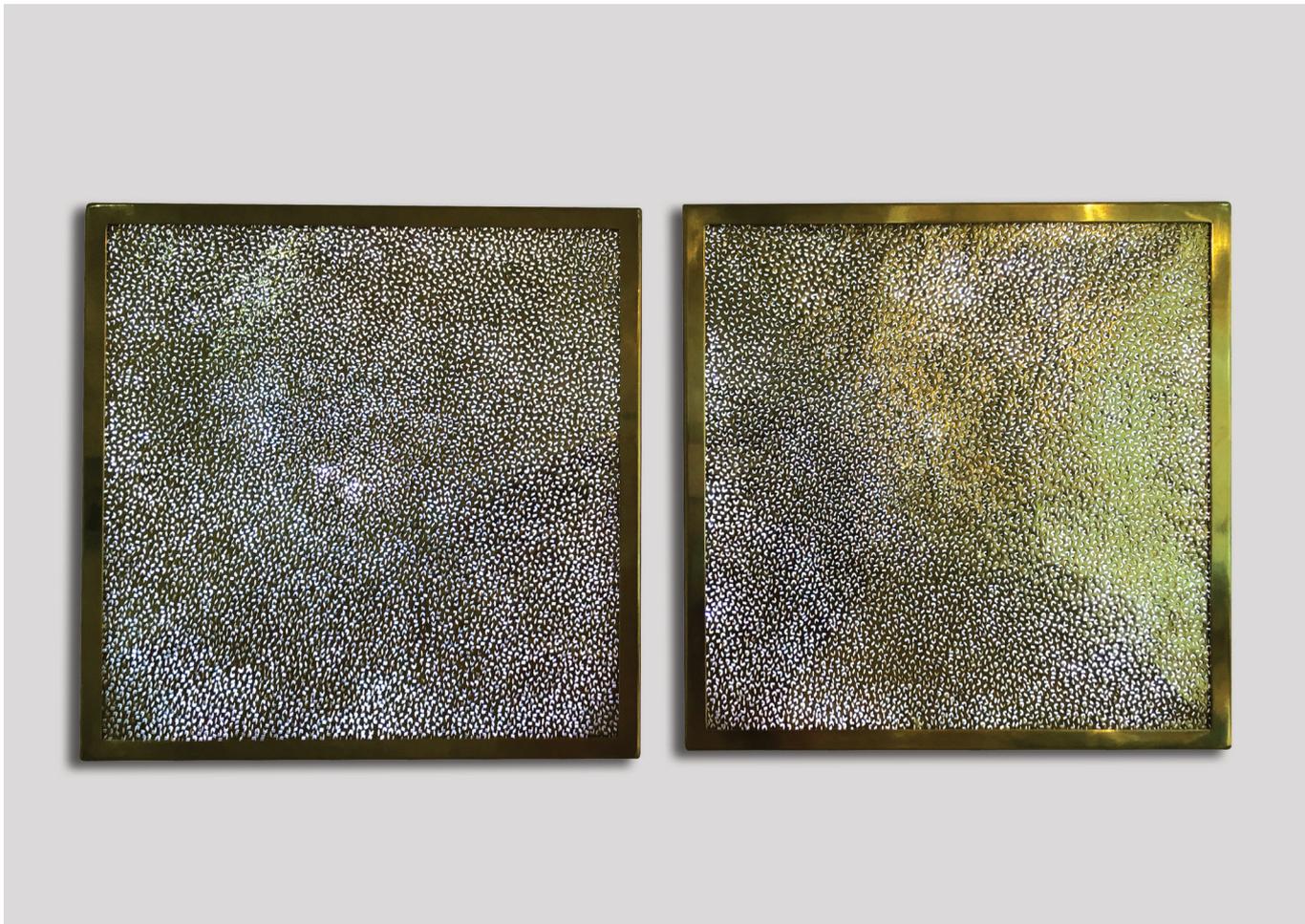


Flick (2015)

Esther Rolinson

Digital Print, ink drawing. 50cm x 50cm.

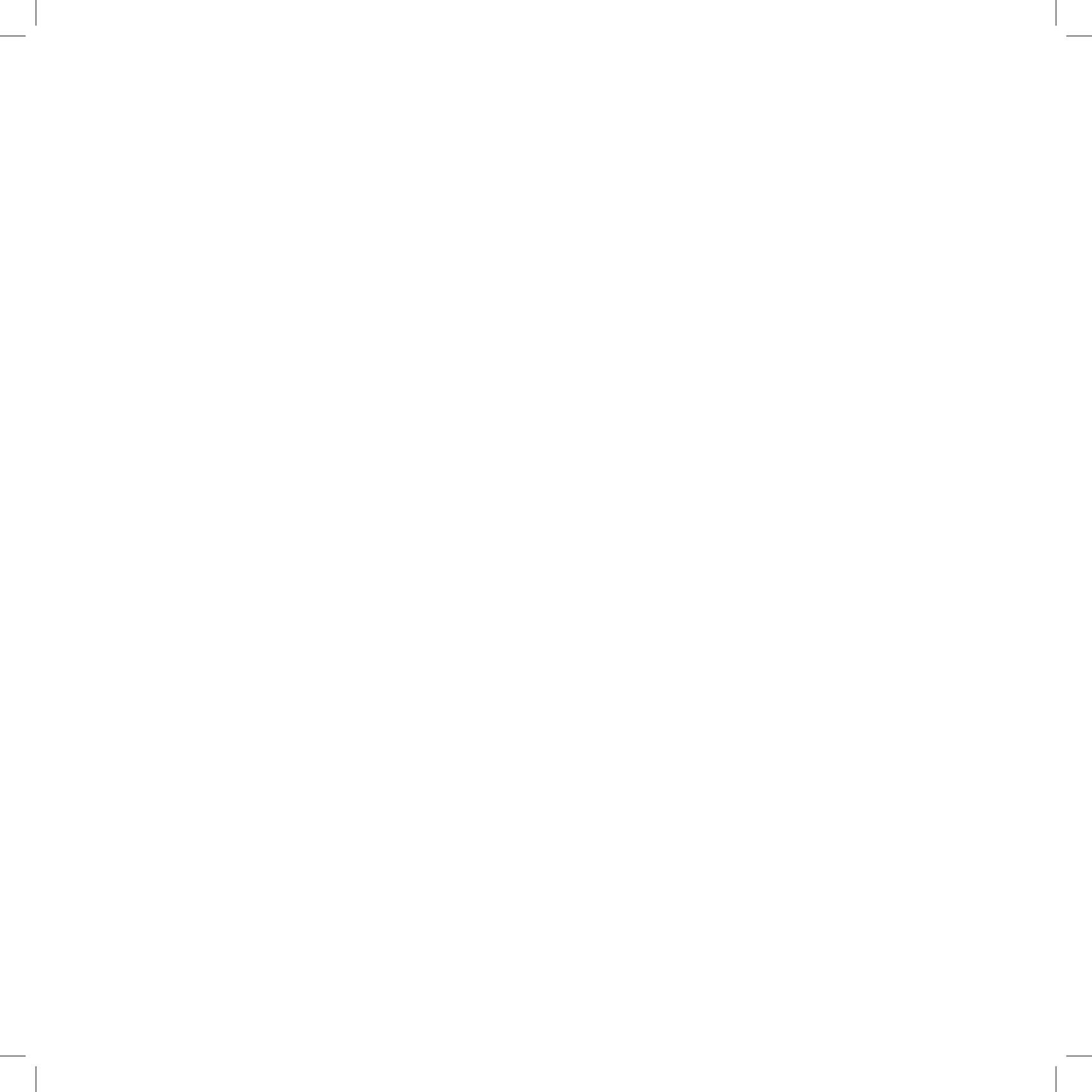


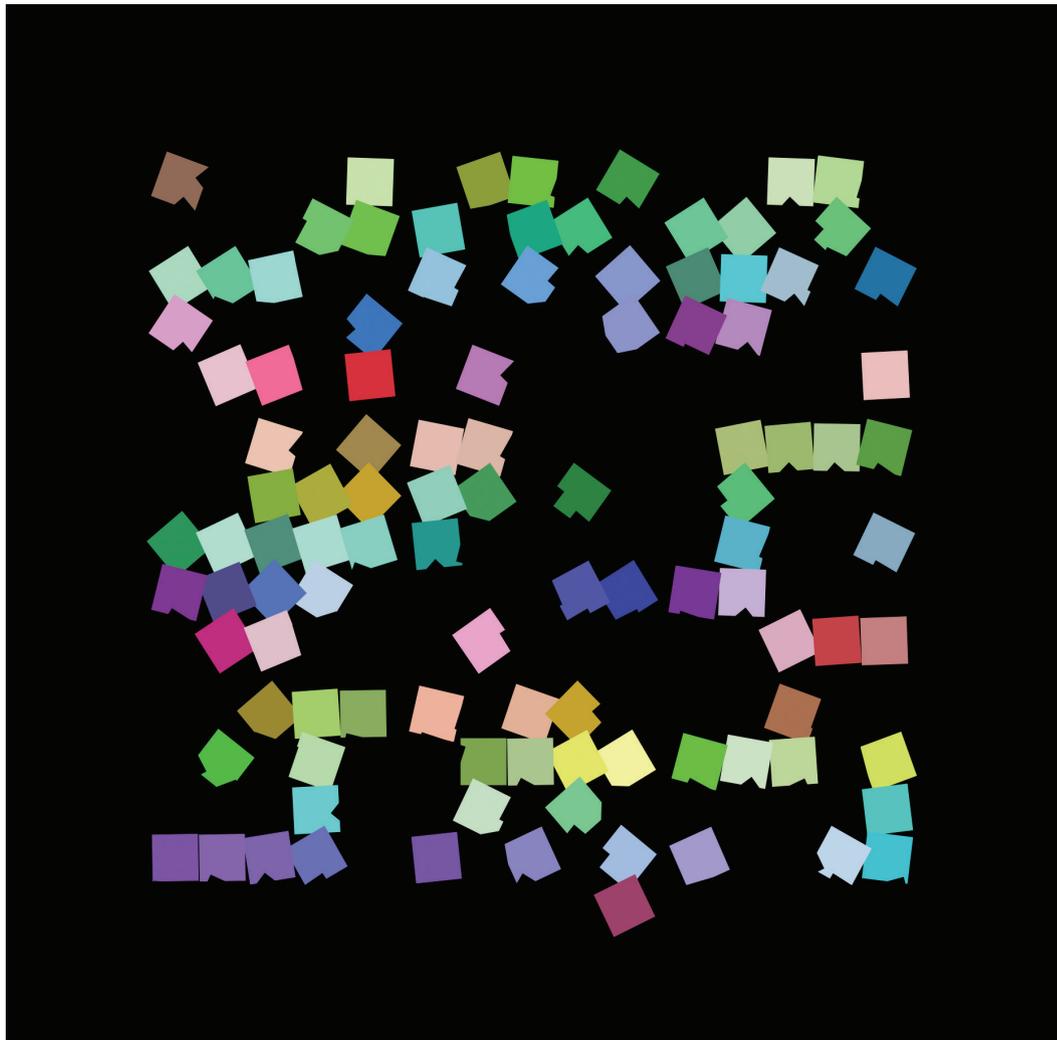


Signal Brass - Tile 1 & Tile 2 (2017)

Esther Rolinson

Hand chiselled brass sheet, programmed LEDs.
Programming developed in collaboration with Sean Clark. 40cm x 40cm.



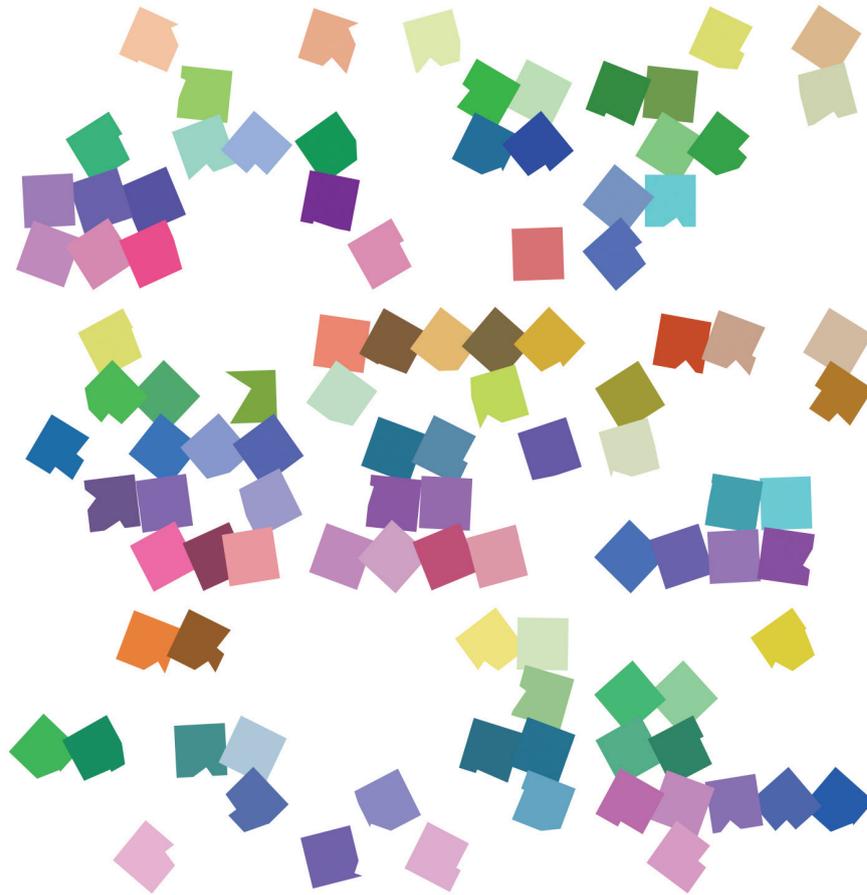


Transformations Variations (2017)

Sean Clark

Digital print. 60cm x 60cm.

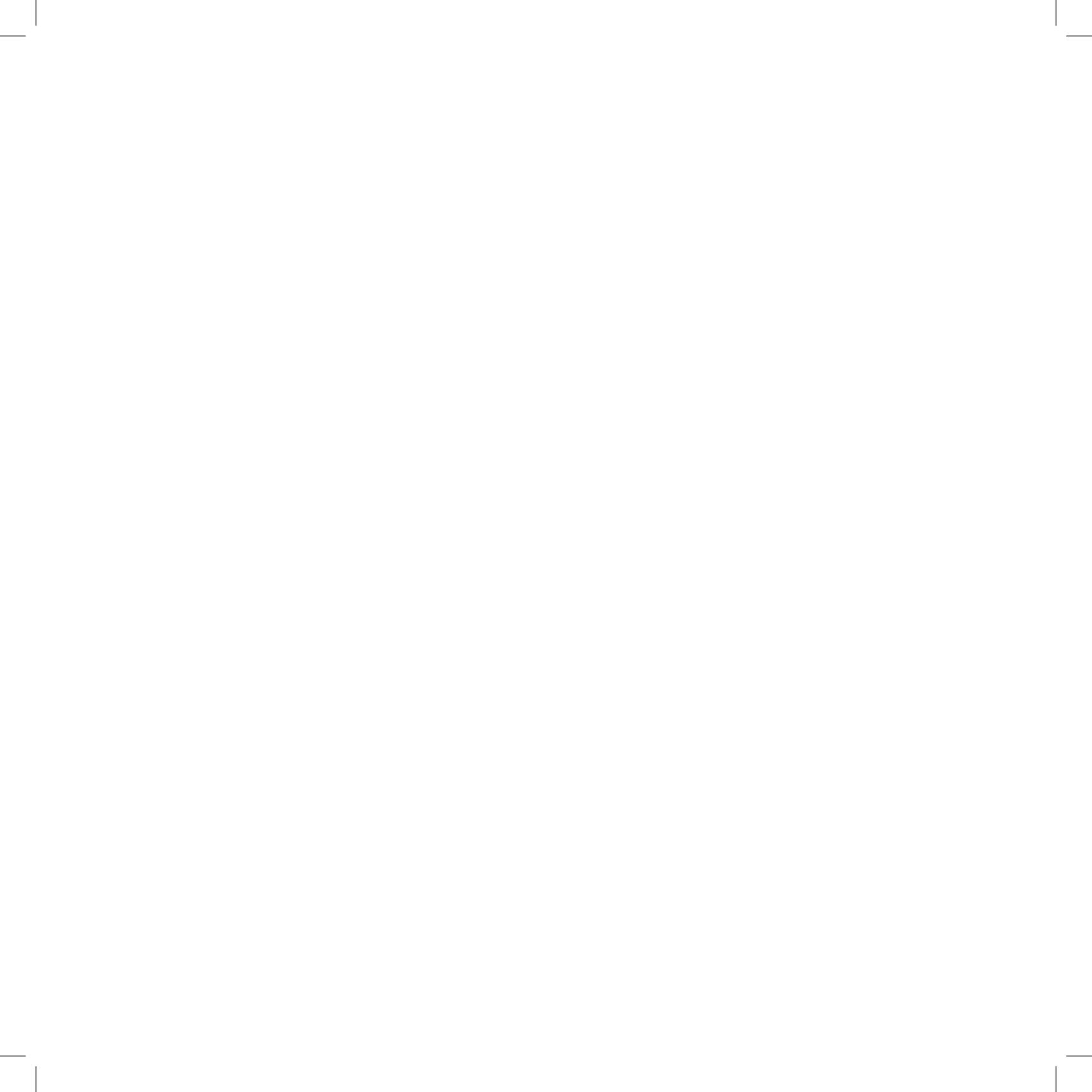


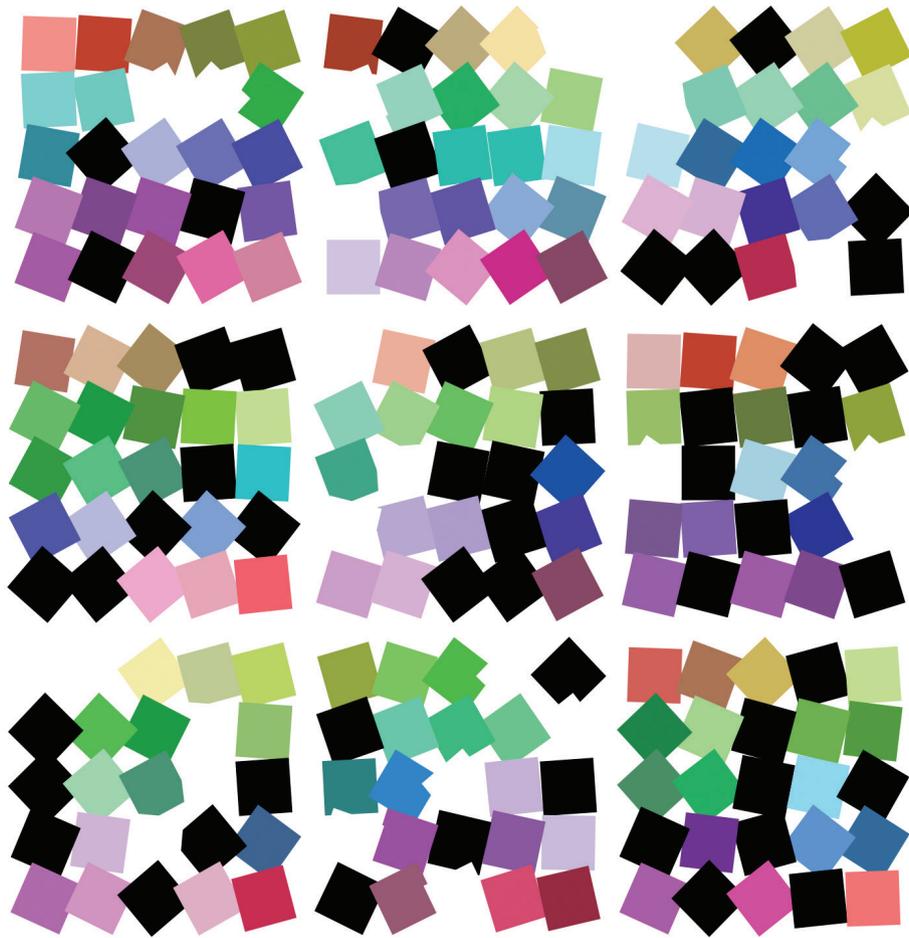


Transformations Variations (2017)

Sean Clark

Digital print. 60cm x 60cm.

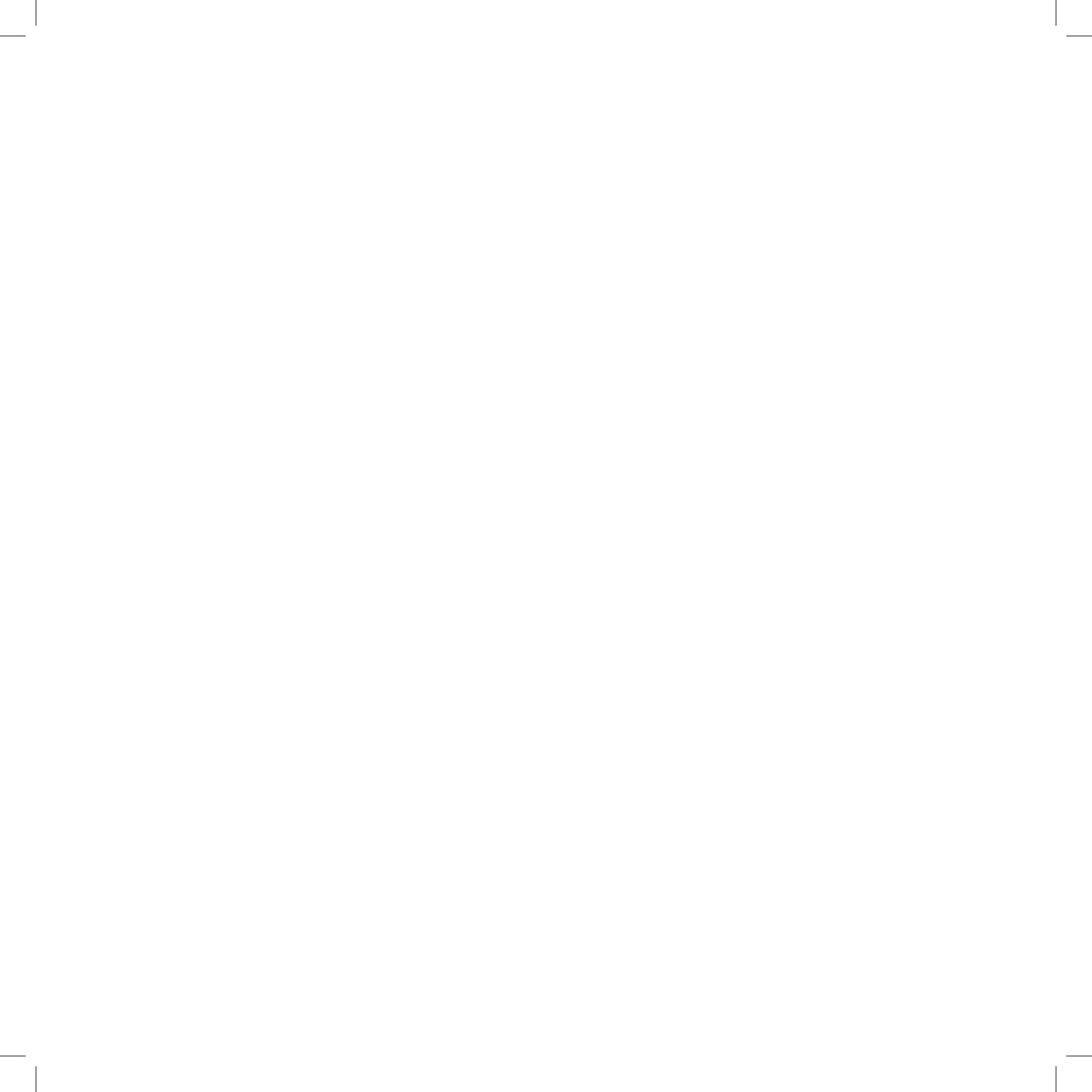


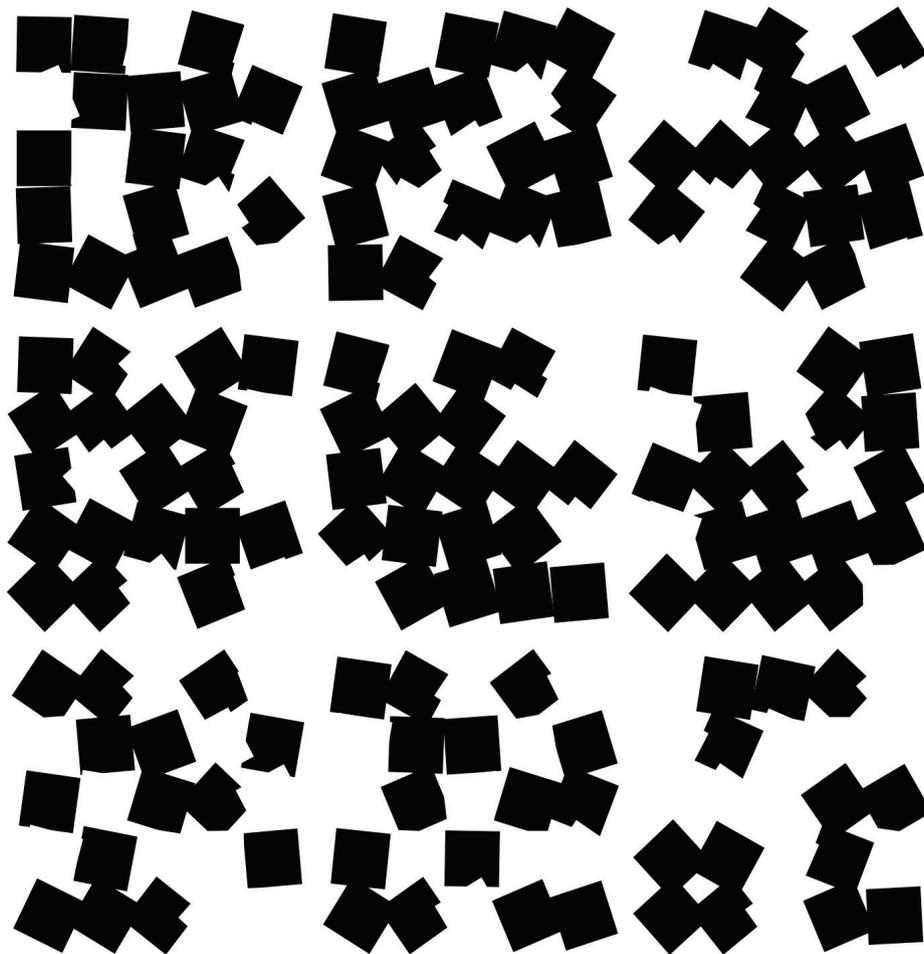


Transformations Variations (2017)

Sean Clark

Digital print. 60cm x 60cm.



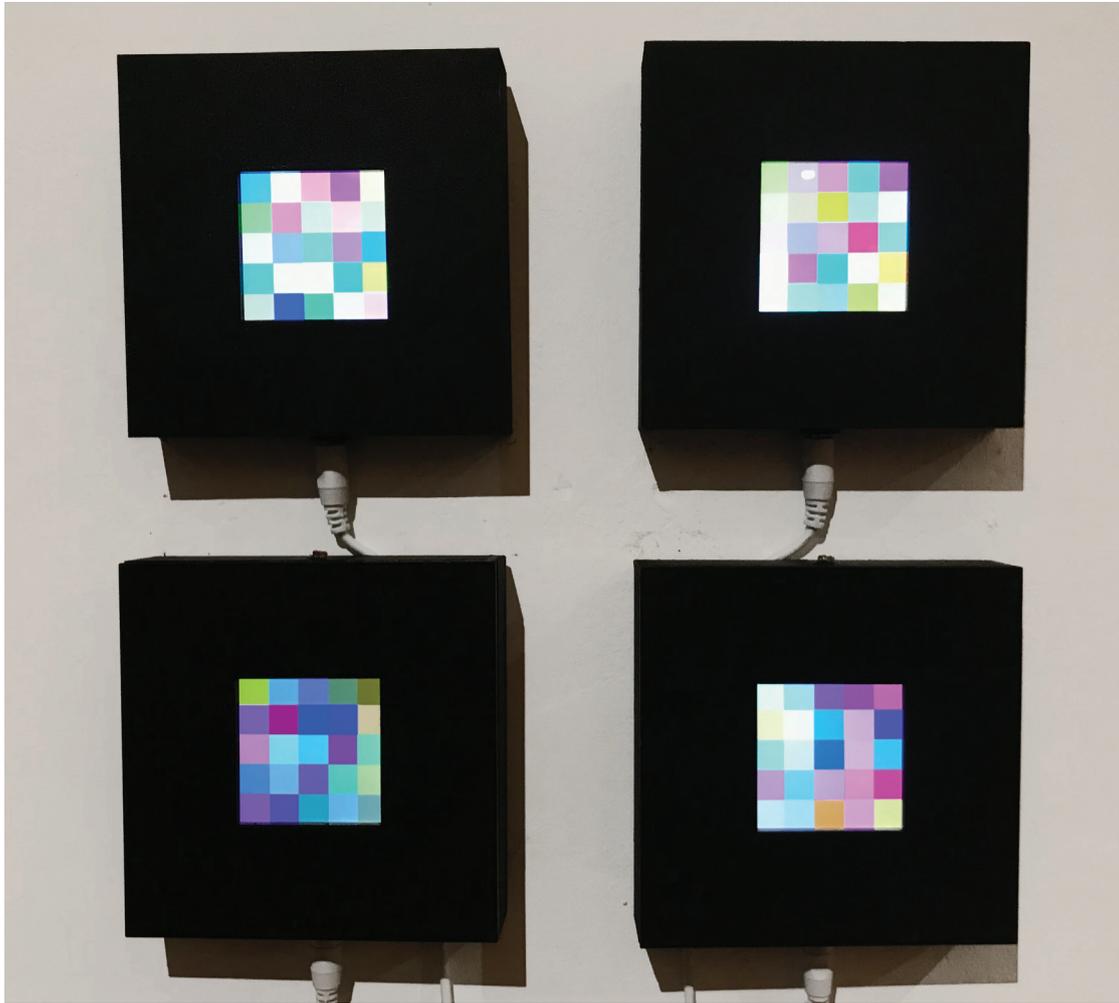


Transformations Variations (2017)

Sean Clark

Digital print. 60cm x 60cm.

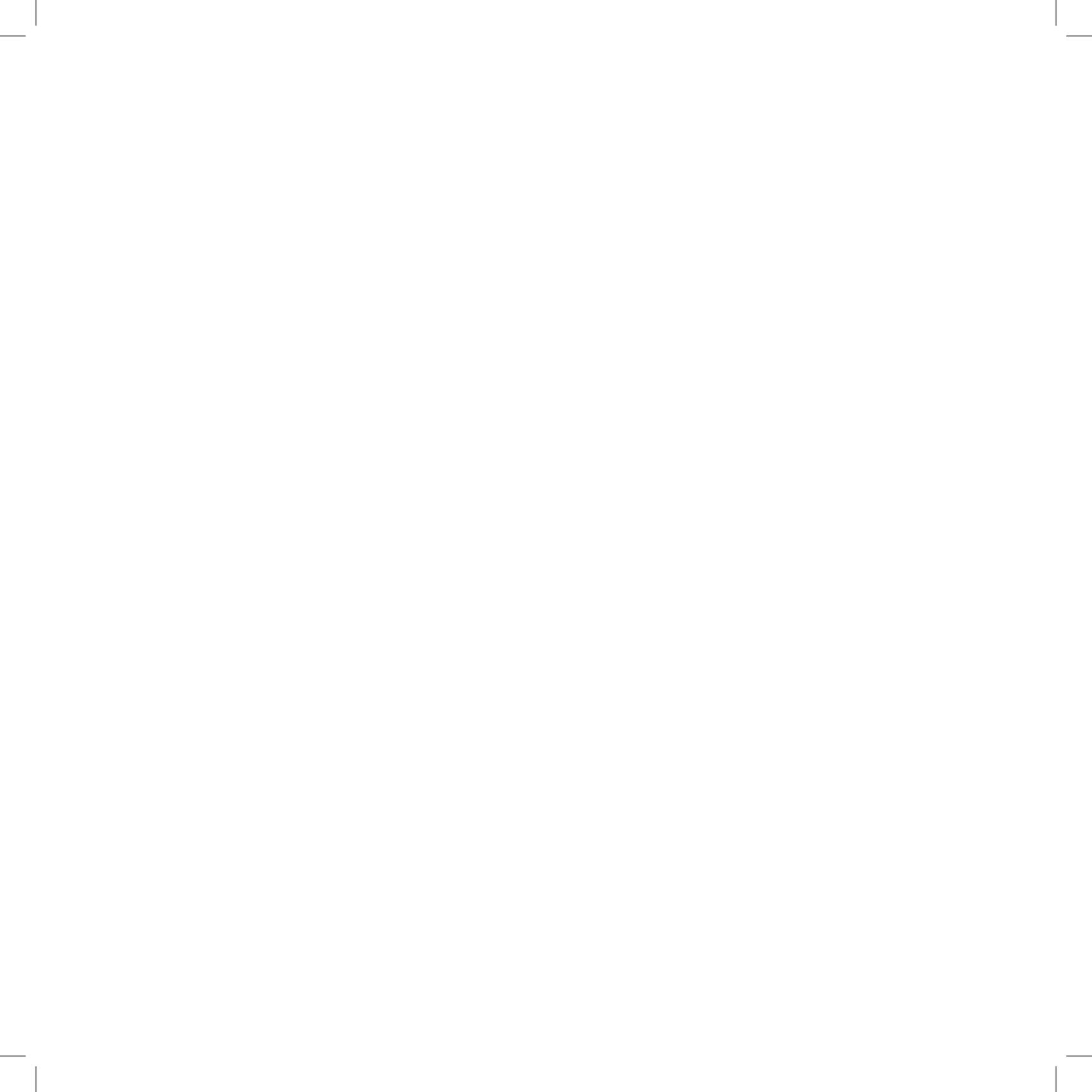


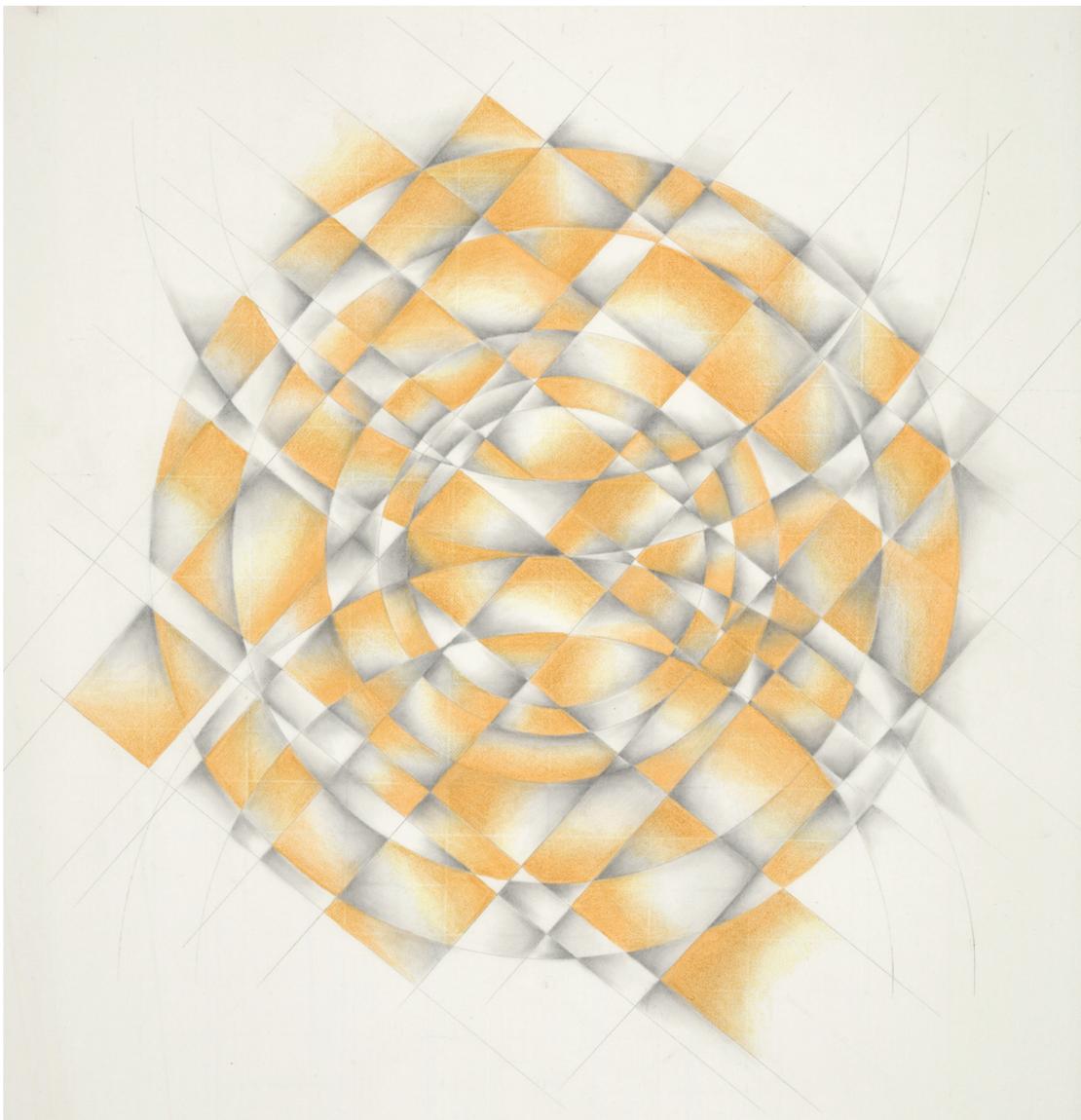


Four Squares (2017)

Sean Clark

Four Arduino with small LCD screens and light sensors in custom frames. 13cm x 13cm.
Each screen starts with the same pattern which then evolves uniquely according to
ambient light values detected by the sensor.

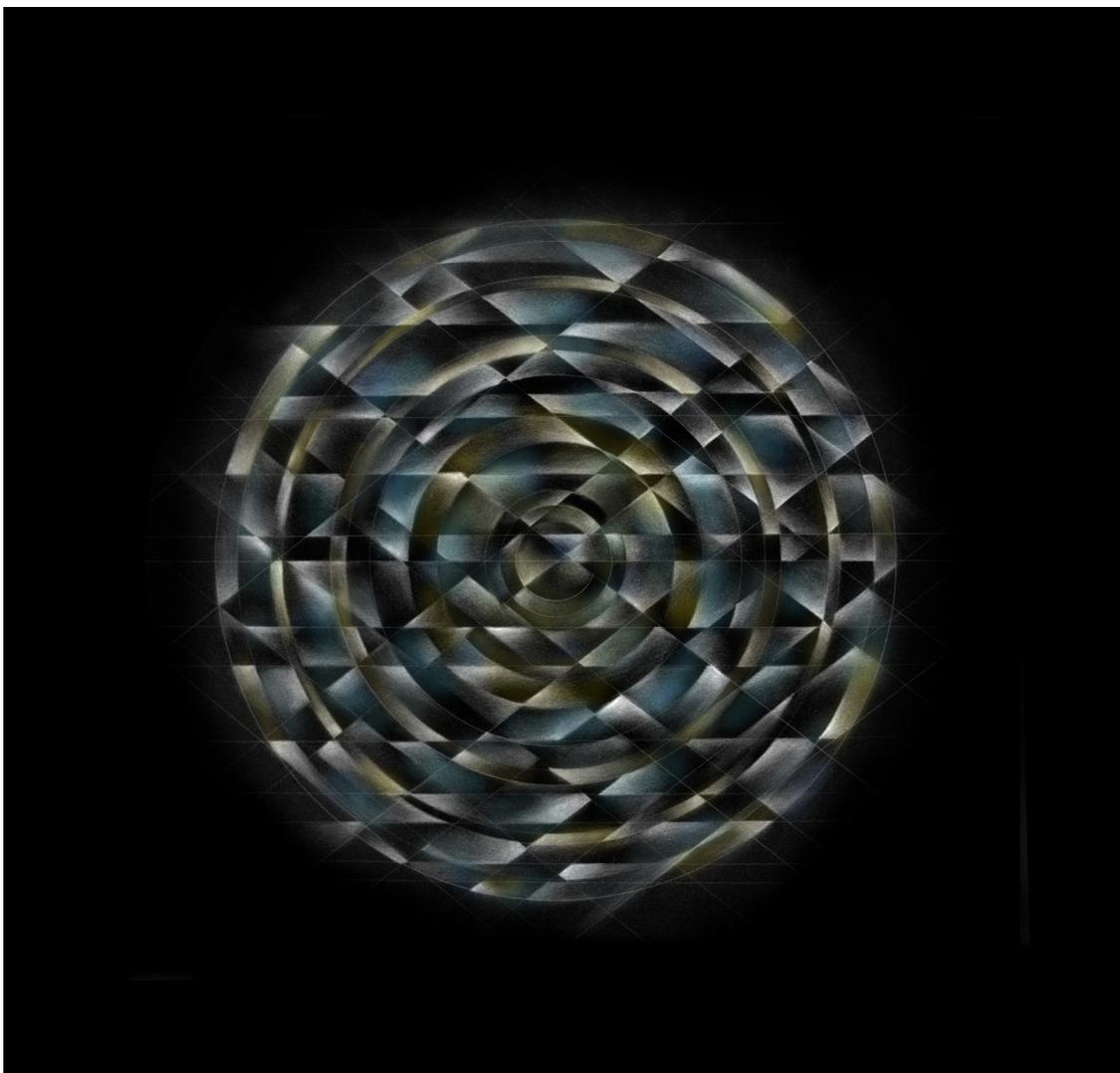




Facets Series - Brass (2017)
Esther Rolinson

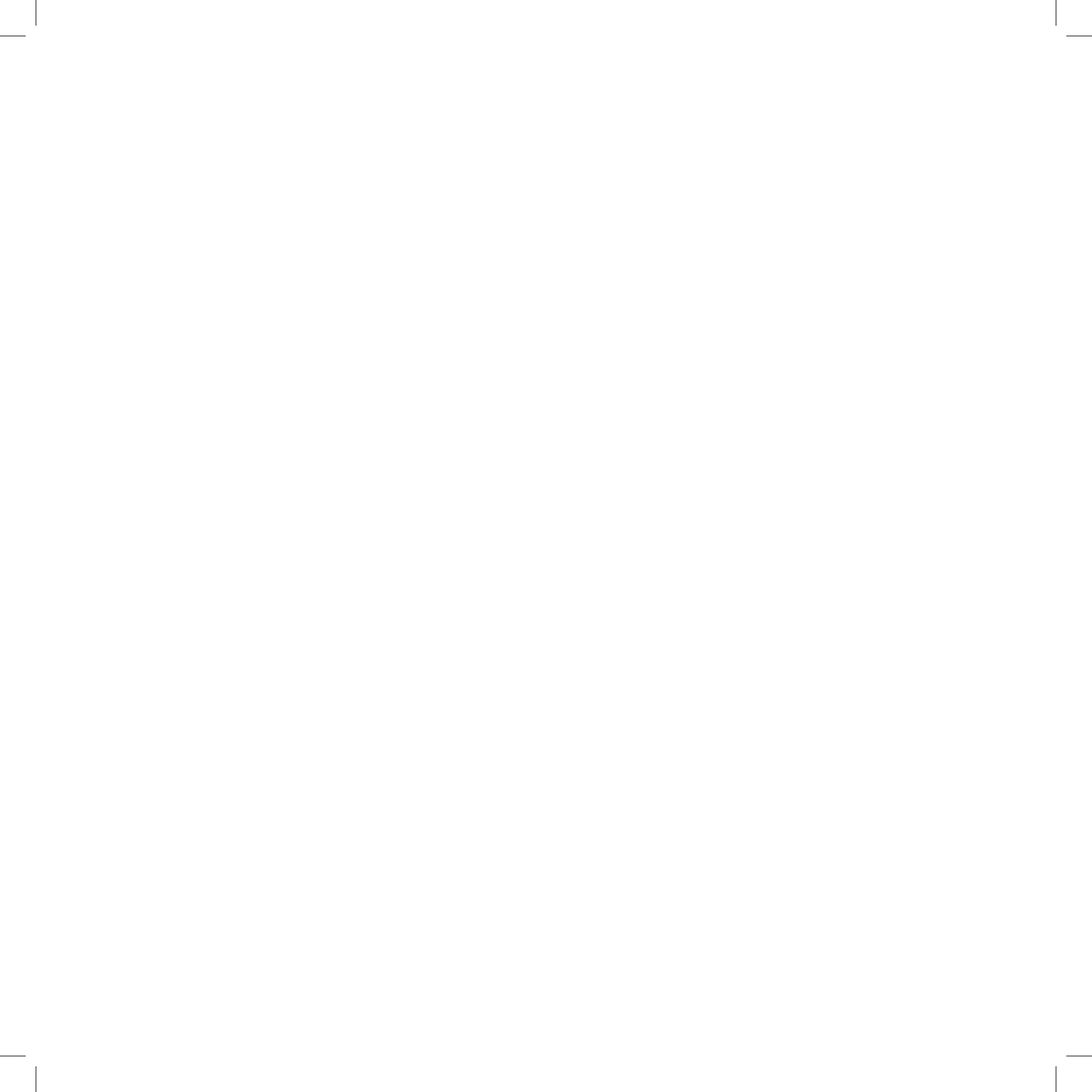
Graphite and paint on paper. 40cm x 40cm.

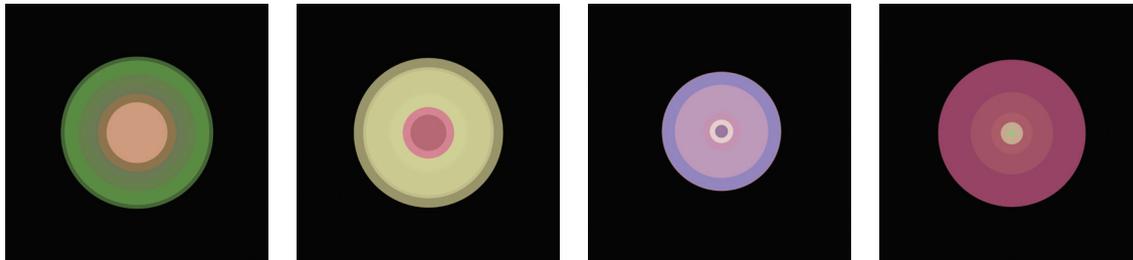




Facets Series - Metallic (2017)
Esther Rolinson

Digital print, digitally manipulated pencil drawing. 40cm x 40cm.





Haze Variations (2017)
Sean Clark

Three Raspberry Pi with Wifi connection, LCD screens in custom frames. 30cm x 30cm. The three screens are connected via the Internet and exchange colours as they evolve, giving rise to unique colour variations.

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