

# **Spekulative Visualisierungen**

Tutorium #4, Gestaltung & Praxis

# **Stand Eurer Arbeiten**

# Inspiration und Ressourcen

# Computational Graphic Design Inspiration

<https://www.pinterest.de/stixan/computational-graphic-design-inspiration/>

P (291) Pinterest Startseite • Heute Suchen https://www.pinterest.de/stixan/computational-graphic-design-inspiration/ 80% 99+ D

Ideen, die dir gefallen könnten

- GRAFIK-DESIGNERIN? So erstellst du trotzdem tolle Grafikdesign inspiration
- Bücher lesen 100 RÜCHER, DIE MAN Hochschule für gestaltung
- 15.8 1.9.1 Plakat design
- Donnerstagvorträge im Dezember Psychologie der Liebe Design is fine. History is mine.
- a Pelican Original \$1.95 Politics and Social Science W. J. M. Mackenzie
- a Pelican Original 6/- Ethics P. H. Nowell-Smith
- Thought Reform and the Psychology of Totalism A Study of Obeahism in China Robert Jay Lifton
- Political Economy by John Eaton
- LGA-Zentrum Form NEU
- HEINEMANN magnets the education of a physicist
- SCIENTIFIC EXPLANATION R. B. BRAITHWAITE
- a Penguin Special 4/- Peter Laurie Drugs: Medical, Psychological, and Social Facts

A Look At Architecture Columbus, Indiana

domus domus domus domus

cerry

My Name is Wendy plays with transparency and density for...

한국근대미술, 그 올림의 여정 RE:1

한국근대미술, 그 올림의 여정 포스터 — RE:1

Archillect on Twitter

NEW WAVE NEW LIBRARY

Luis Buñuel DAS JUNGEN MADCHEN (The Young One) GO

Hans Hillmann, german film poster for Bunuel Young...

同样是猫边字。为什么你做的总是很土气？ - 优设网

FIREWORKS 31.12.16-1.1.17 KLUB GÖDÖ

DE KEYSERLEI'S ANTWERP 23-29H THANG GUY-OHM WHAT IT IS MISS SCHWARZKOPF

PIÈCE AFRICAINÉE vu-huu | Série d'affiches

Typography Merken

INDUSTRIAL DESIGN

POWIEKSZENIE MICHELANGELO ANTONINI

BlowUp\_Swirzy

internationales Kunsthandwerk 1963

Record Envelope 963

963

Poster by Herbert W. Kapitzki

idea 45

Stig Møller Hansen

Guilherme Lombardi on Behance

Guilherme Lombardi

Baden-Württemberg Kunsthandwerk 1964

orgelmusik

ANIMAL COLLECTIVE Monkees Post Pavillion

All sizes | Untitled | Flickr - Photo Sharing!

ulm 14/15/16 Institut für Technik der Gestaltung Journal of the Institute for Design Technology

Record Envelope

Record Envelope

Francis Bitter MAGNETS The Education of a Physicist

THE SCIENCE STUDY SERIES

HEINEMANN magnets the education of a physicist

SCIENTIFIC EXPLANATION R. B. BRAITHWAITE

a Penguin Special 4/- Peter Laurie Drugs: Medical, Psychological, and Social Facts

Drugs: Medical, Psychological, and Social Facts

677 https://www.pinterest.de/pin/156359418303403112/

# For Your Processing by Justin Lincoln

<https://fyprocessing.tumblr.com/archive>

For Your Processing | Month | Post type | Tag

June 2021

May 2021

Non-real time  
Music Video &  
Sound Analysis  
Framework for  
Processing  
// Non-real time

<https://www.instagram.com/p/CNOEKhwqBq/?igshid=1st8wnjxm8sl>

<https://www.instagram.com/p/CN2mt2FhGRP/?igshid=p5jo9x5lrid>

<https://www.instagram.com/p/CN19c6bBlU/?igshid=1d5xw19auw1>

<https://www.instagram.com/p/CN25dFFpP1X/?igshid=y9667qy8qcco>

[https://www.instagram.com/p/COELY0nHN\\_G/?igshid=1qw2sta5xomc1](https://www.instagram.com/p/COELY0nHN_G/?igshid=1qw2sta5xomc1)

<https://www.instagram.com/p/COO9HYIBHz/?igshid=q5igmu2txf7u>

<https://www.instagram.com/p/COSG76YJhaw/?igshid=139k3elhjybhk>

<https://www.instagram.com/p/COUdTUHp6Gw/?igshid=1mj3gg1pw398f>

[https://www.instagram.com/p/COW\\_92\\_pj9t/?igshid=j5ebxzrrnrwc](https://www.instagram.com/p/COW_92_pj9t/?igshid=j5ebxzrrnrwc)

<https://www.instagram.com/p/COVGLJHmVQ/?igshid=ymbe741cjope>

This tutorial is pretty

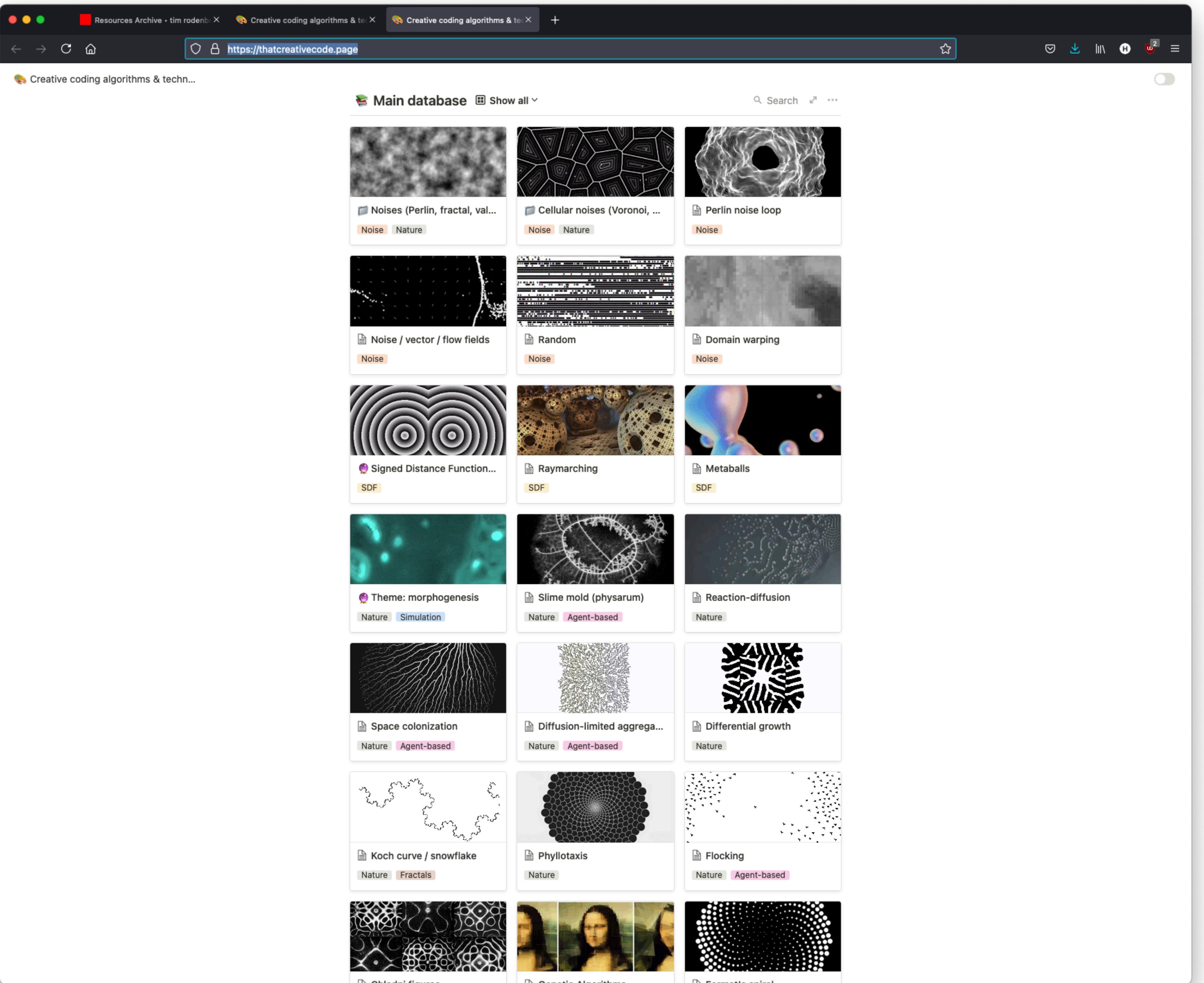
# „Generative Gestaltung“ Code Beispiele

<https://fprocessing.tumblr.com/archive>

The screenshot shows a web browser window with two tabs open. The active tab is titled "Codes - GENERATIVE GESTALTUNG" and displays the website [www.generative-gestaltung.de/1/code](http://www.generative-gestaltung.de/1/code). The website features a large, colorful, abstract graphic at the top with the text "GENERATIVE GESTALTUNG". Below it is a navigation menu with links for "About", "Code", "Links", and "Contact". The "Code" section contains several download links for Processing code packages, including versions 3.x, 2.x, 1.x, vvvv, and TouchDesigner. It also includes a "Jump to: → Libraries" link. The "P./// Grundlegende Prinzipien" section is divided into "P.1 Farbe" and "P.2 Form", each showing four rows of thumbnail images with corresponding download links. To the right of the main content area is a sidebar with a book cover for "GENERATIVE GESTALTUNG" by Hartmut Bohnacker, Benedikt Groß, Julia Laub, and Claudio Lazzaroni (Hrsg.), published by Verlag Hermann Schmidt Mainz. The sidebar also includes links for buying the book, news, comments, and a login form. The second tab in the browser is titled "How to See Someone's Tumblr" and shows a preview of a tumblr archive.

# Creative coding algorithms & techniques

<https://thatcreativecode.page/>



# FORM+CODE in Design, Art and Architecture

<http://formandcode.com/code-examples/>

FORM+CODE In Design, Art, and Architecture

Casey Reas,  
Chandler McWilliams,  
LUST

HOME + CODE EXAMPLES + CONTENTS + BIBLIOGRAPHY + LINKS + ERRATA

REPEAT

Embedded Iteration      Recursive Tree

TRANSFORM

Transcoded Landscape      Slit-Scan

PARAMETERIZE

Chair      Wave

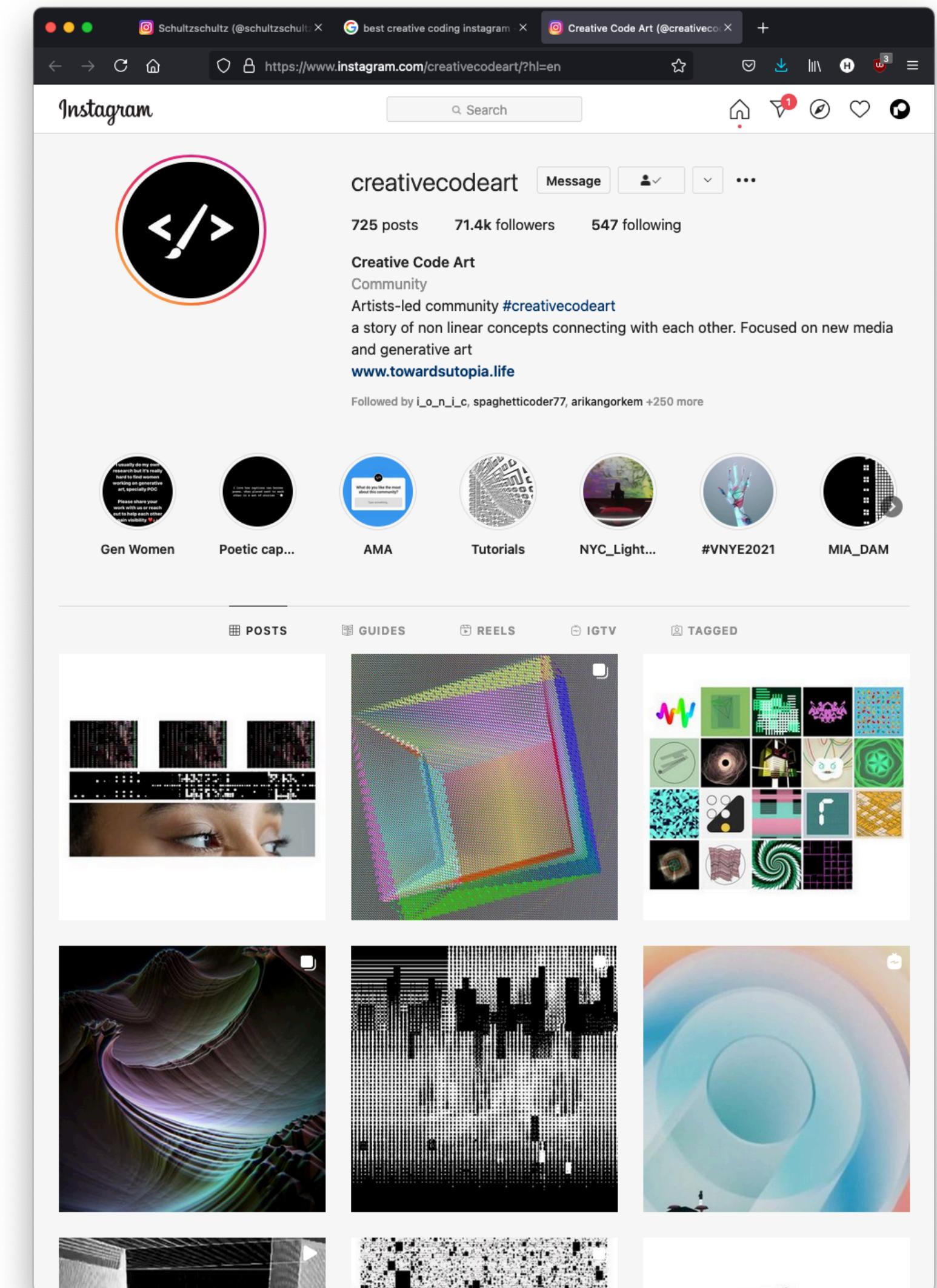
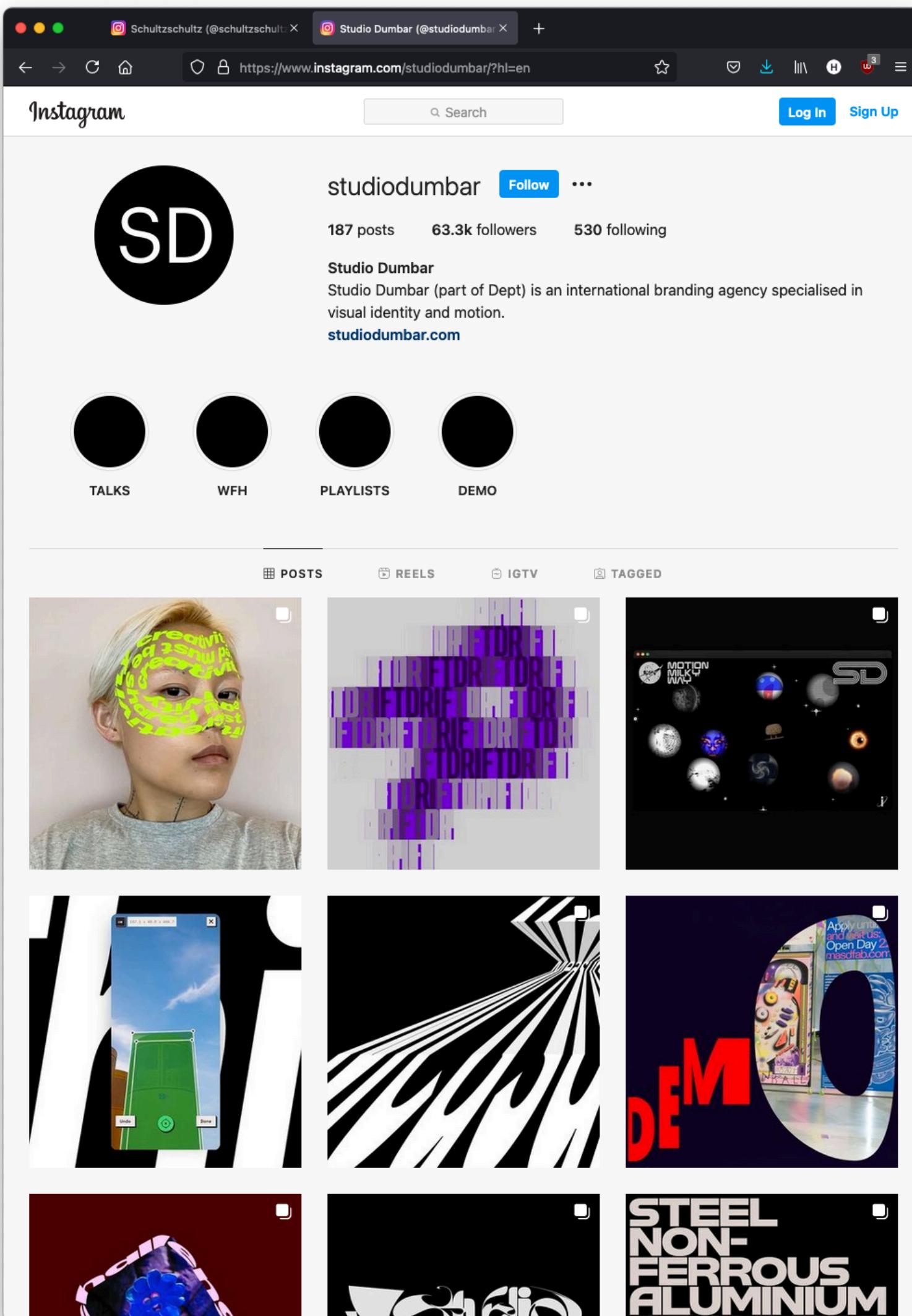
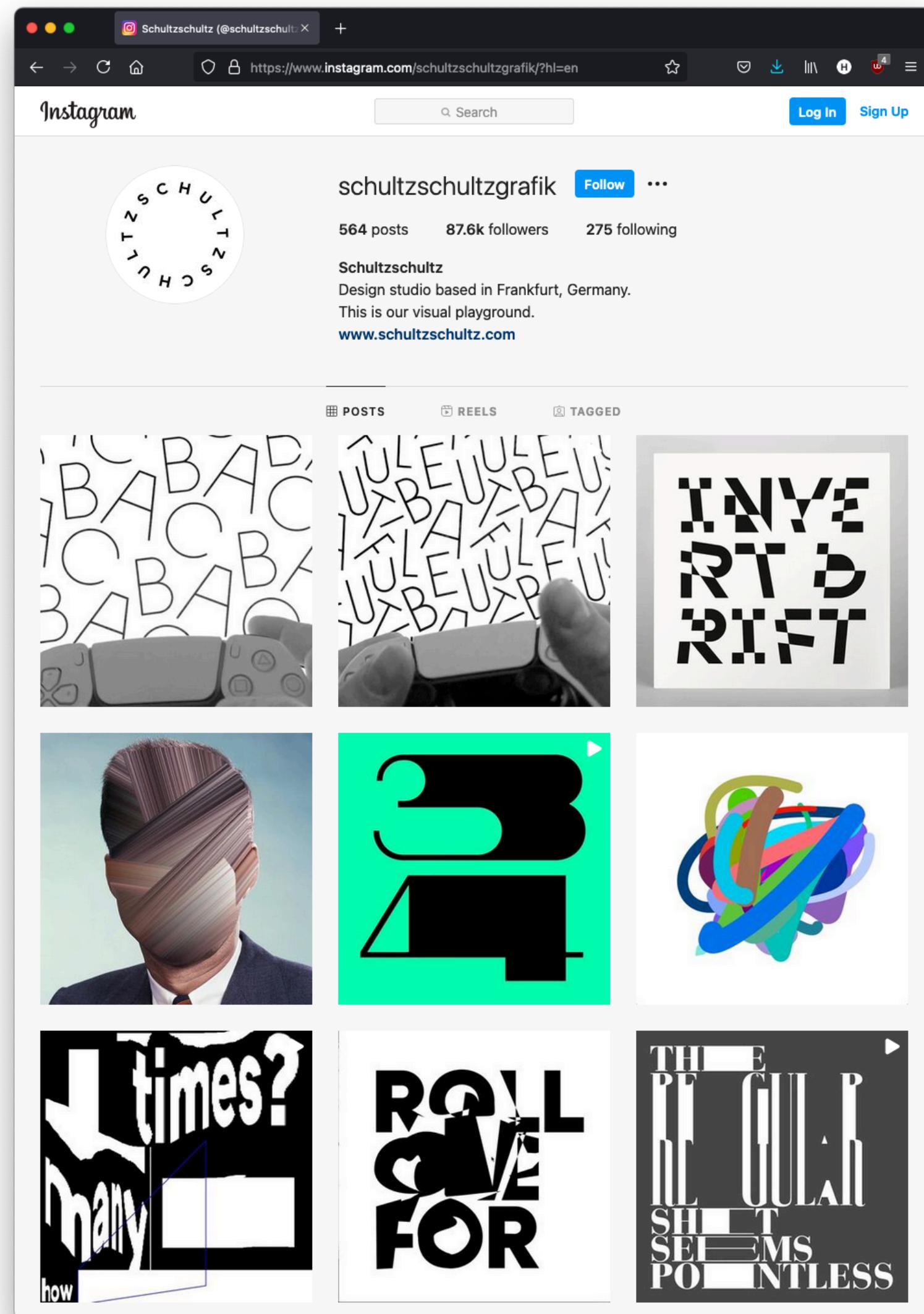
VISUALIZE

Displaying Data      Superformula

SIMULATE

Particles      Diffusion-Limited Aggregation

The screenshot displays a dark-themed website for 'FORM+CODE IN DESIGN, ART, AND ARCHITECTURE'. At the top, the title is followed by the names of the creators: Casey Reas, Chandler McWilliams, and LUST. Below the title is a navigation bar with links: HOME, CODE EXAMPLES (which is underlined), CONTENTS, BIBLIOGRAPHY, LINKS, and ERRATA. The main content area is organized into five sections: REPEAT, TRANSFORM, PARAMETERIZE, VISUALIZE, and SIMULATE. Each section contains two examples with small thumbnail images. The REPEAT section shows 'Embedded Iteration' (a radial pattern of lines) and 'Recursive Tree' (a fractal tree structure). The TRANSFORM section shows 'Transcoded Landscape' (a landscape with distorted colors) and 'Slit-Scan' (a vertical strip of a landscape). The PARAMETERIZE section shows 'Chair' (a chair model) and 'Wave' (a wavy grid pattern). The VISUALIZE section shows 'Displaying Data' (text displayed as a curve) and 'Superformula' (a complex mathematical curve). The SIMULATE section shows 'Particles' (multiple particles with arrows) and 'Diffusion-Limited Aggregation' (a fractal-like branching pattern).



# The Art Of Computer Designing: A Black and White Approach

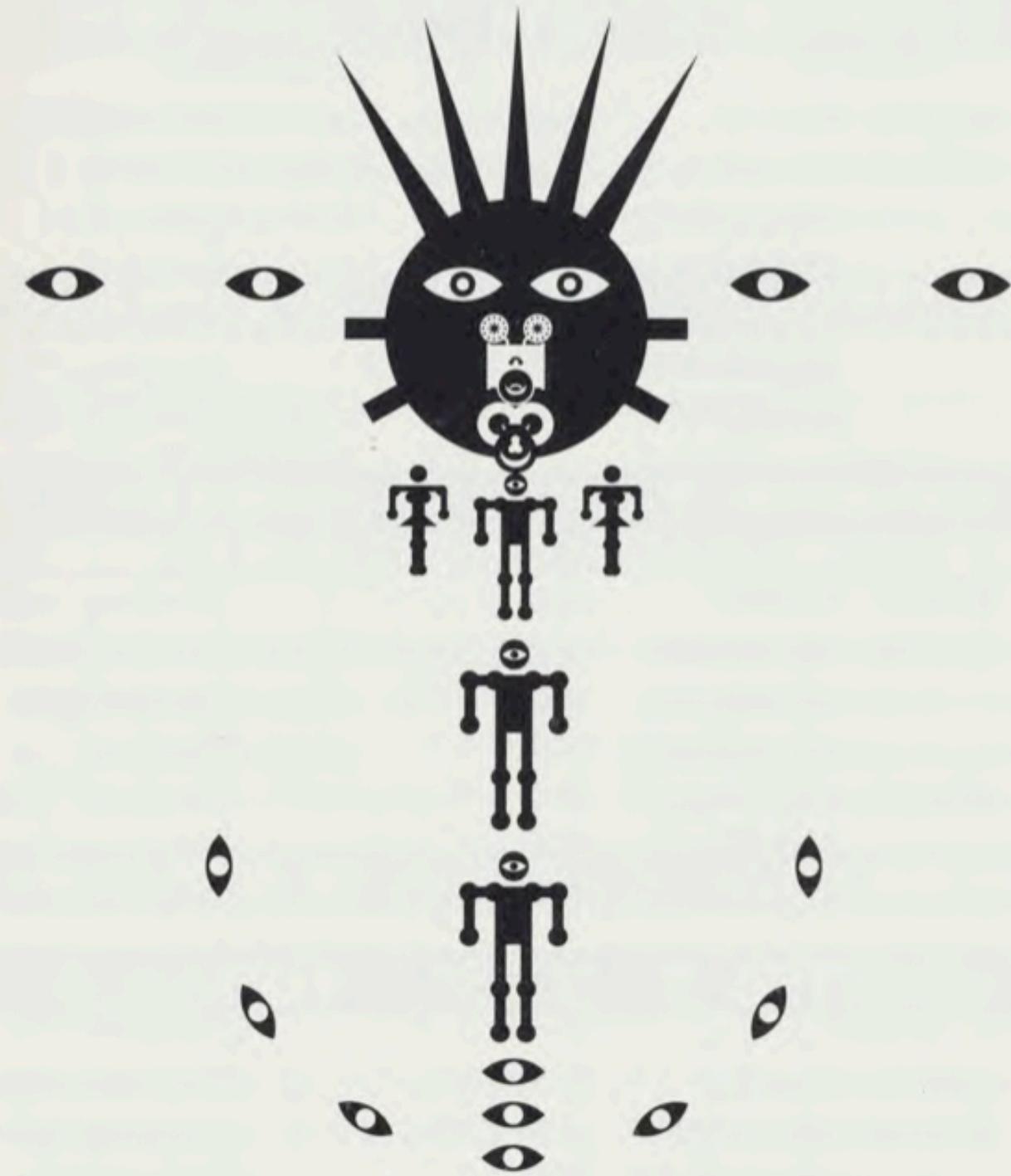
<https://archive.org/details/satoArtOfComputerDesigning>

FOR MACINTOSH AND OTHER COMPUTER USERS

# THE ART OF COMPUTER DESIGNING

A BLACK AND WHITE APPROACH

コンピュータサイン



佐藤一著 サトウオサム 佐藤一著  
**OSAMU SATO**

# Hello World! Processing

<https://vimeo.com/60735314>

Resources Archive · tim rodenb X Hello World! Processing on Vimeo X Hello World! Processing: A Smal X +

← → ⌛ ⌂ ⌂ https://vimeo.com/60735314

vimeo Warum Vimeo? Features Ressourcen Anschauen Preise Videos, Leute und mehr suchen Anmelden Jetzt registrieren Neues Video

The screenshot shows a Vimeo video player with the title "Hello World! Processing" overlaid on a background image of a rocky cliffside. The video has a duration of 41:05. To the right of the video player is a vertical column of interaction icons. Below the video player, the video title "Hello World! Processing" is displayed, along with the upload date "vor 8 Jahre" and a "Mehr" link. There are also "Folgen" and "Teilen" buttons. The video description highlights its focus on creative coding and experimentation. The credits section lists "2 Mal mitgewirkt" (SERRÍN.TV and Abelardo Gil-Fournier) and "35 Talks". On the right side of the page, there is a sidebar titled "Mehr von Animation" featuring thumbnails and titles for other short films like "Hello World! Proc...", "SLOCUM at sea ...", "Drop by Drop", "The Gravel Institu...", "Taking the Plunge", and "Désir de Contem...". At the bottom of the page, there is a call-to-action bar with the text "Videos erstellen, hochladen und im Livestream zeigen – alles in HD." and buttons for "Registriere dich bei Vimeo" and "Anmelden".

HELLO WORLD!  
PROCESSING

41:05

Ultra\_Lab + Folgen

▷ 232K ❤ 1.804 🎧 144 🗣 35

Mehr von Animation

Nächstes Video automatisch abspielen

HELLO WORLD! Processing

vor 8 Jahre | Mehr

Lies weiter

2 Mal mitgewirkt

SERRÍN.TV Director Abelardo Gil-Fournier Director

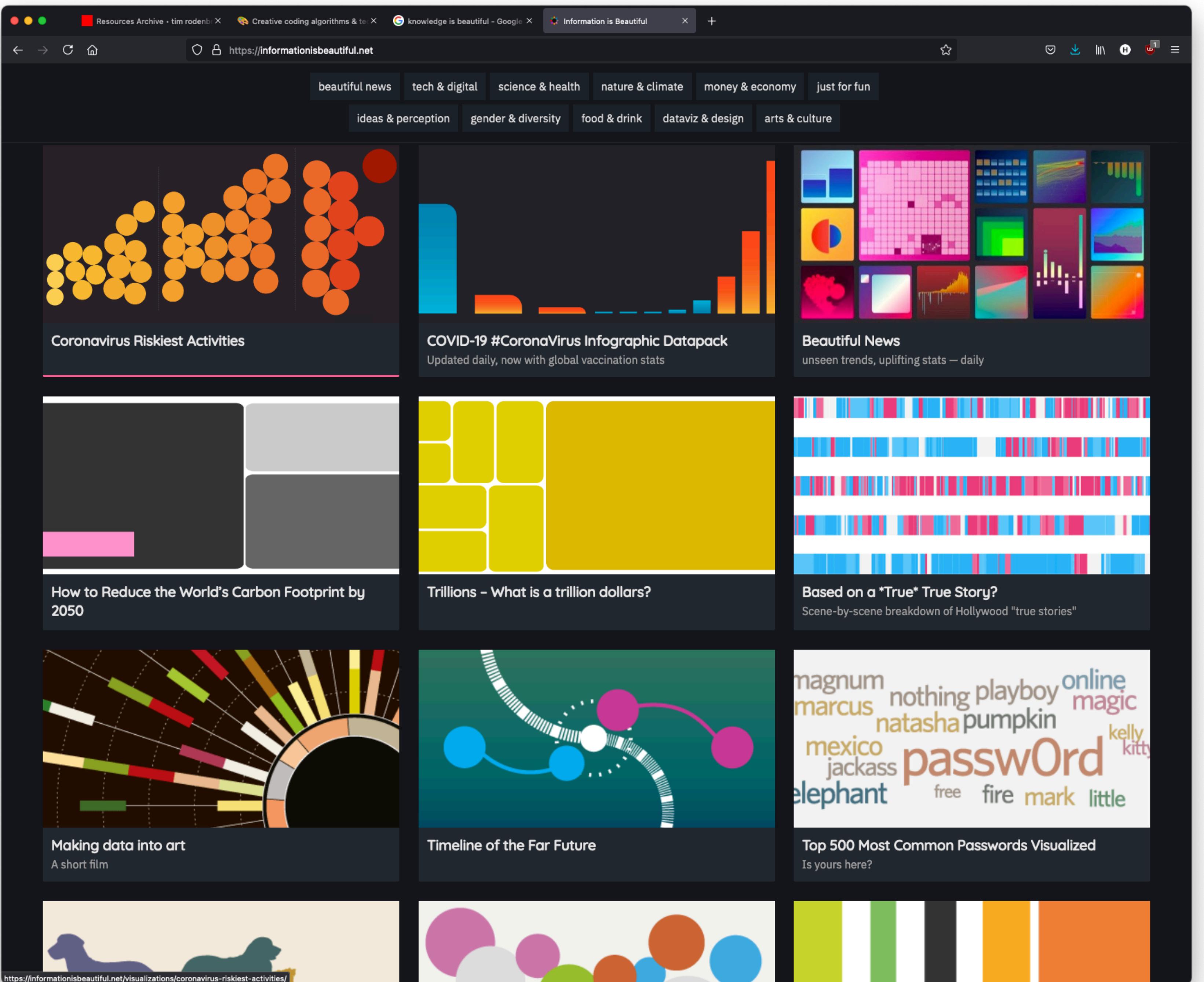
35 Talks

Videos erstellen, hochladen und im Livestream zeigen – alles in HD.

Registriere dich bei Vimeo Anmelden

# Information is beautiful

<https://informationisbeautiful.net/>



# D3.js examples

<https://observablehq.com/@d3/gallery>

## Gallery

Looking for a good D3 example? Here's a few (okay, 168...) to peruse.

### Animation

D3's [data join](#), [interpolators](#), and [easings](#) enable flexible [animated transitions](#) between views while preserving [object constancy](#).

The gallery displays a variety of D3.js visualizations, including:

- Animated treemap
- Temporal force-directed graph
- Connected scatterplot
- The wealth & health of nations
- Scatterplot tour
- Bar chart race
- Stacked-to-grouped bars
- Streamgraph transitions
- Smooth zooming
- Zoom to bounding box
- Orthographic to equirectangular projection
- World tour
- Walmart's growth
- Hierarchical bar chart
- Zoomable treemap
- Zoomable circle packing
- Collapsible tree
- Zoomable icicle
- Zoomable sunburst
- Sortable bar chart
- Icelandic population by age, 1910-2010

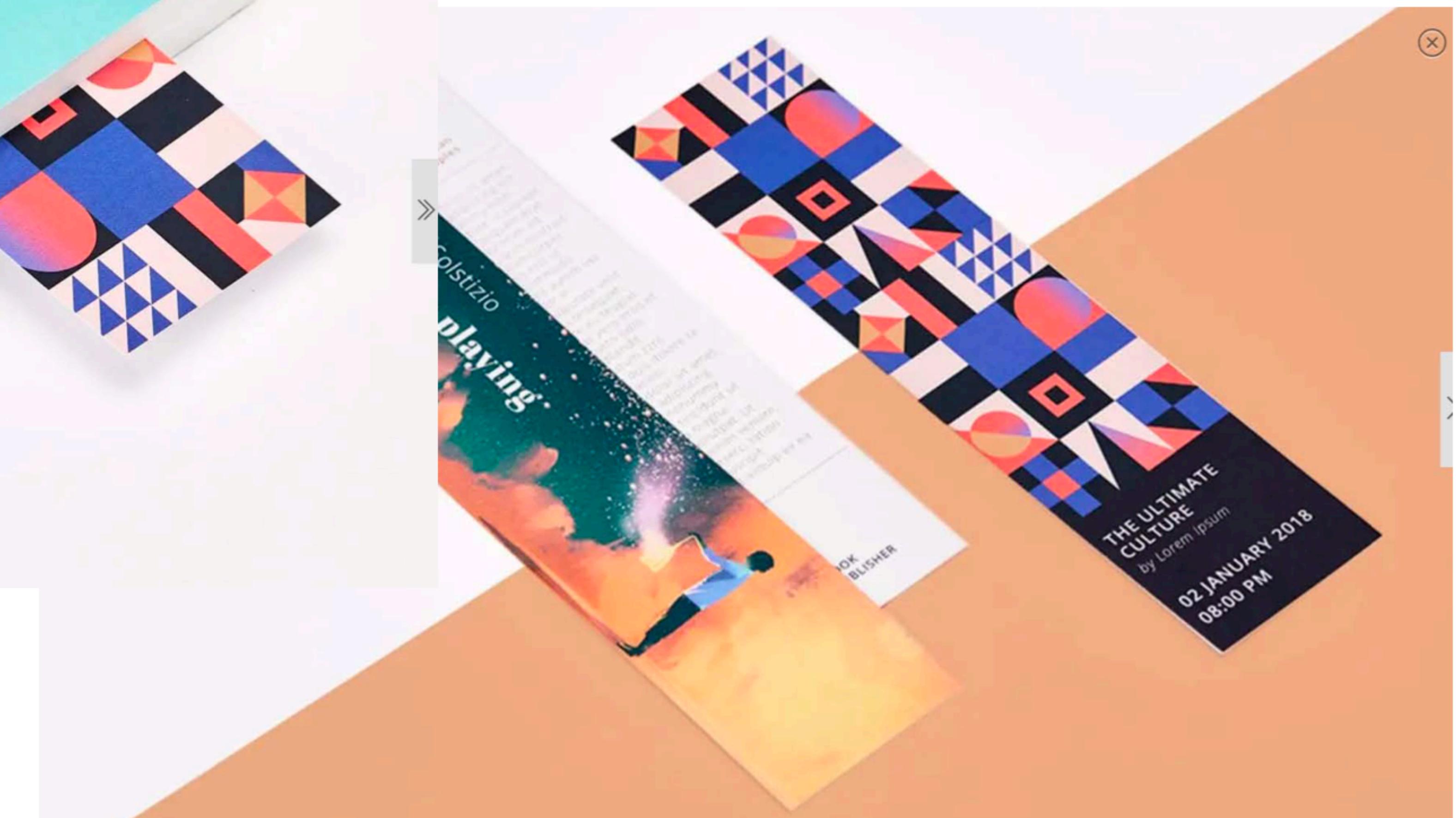
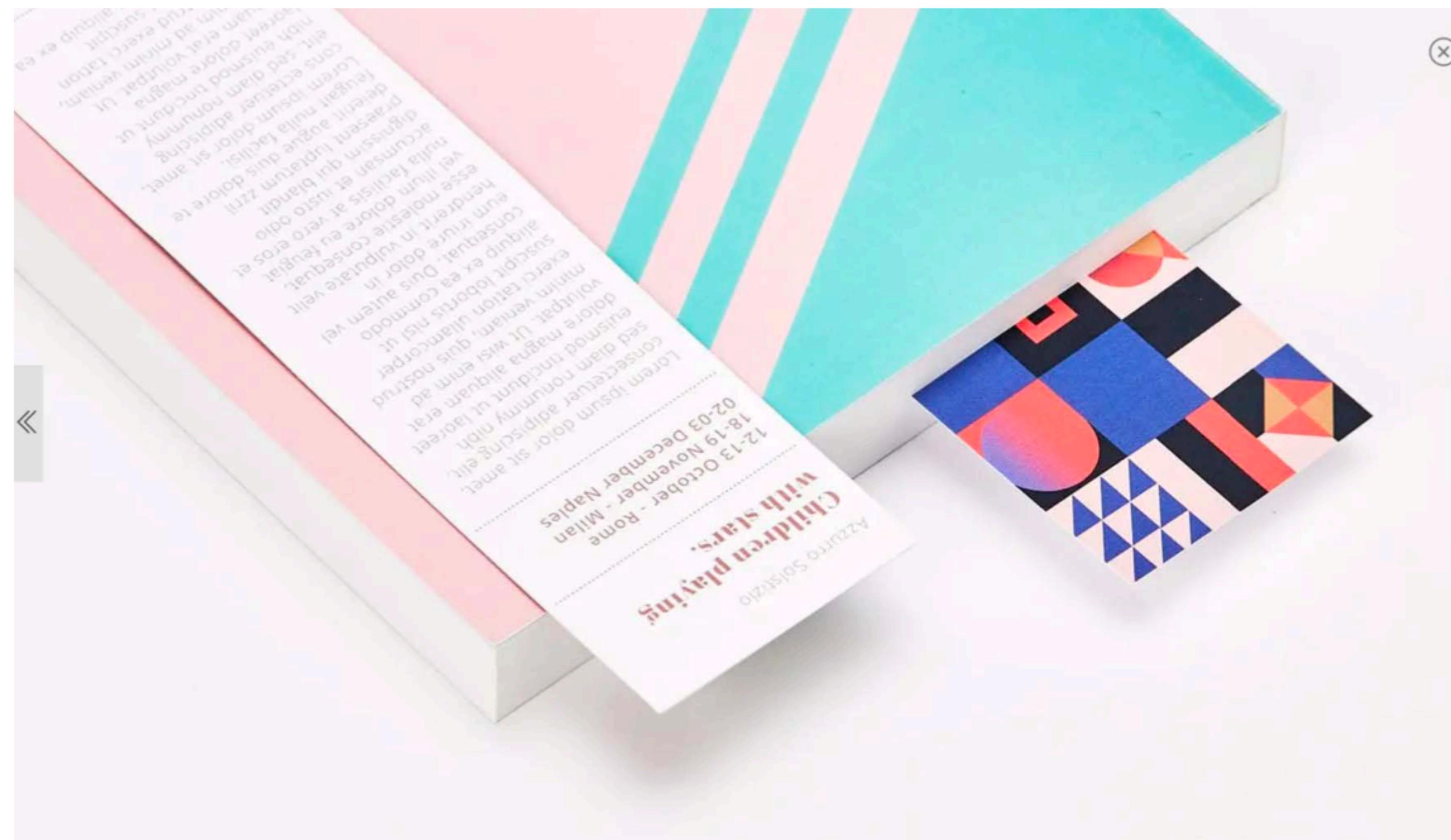
### Interaction

D3's low-level approach allows for performant incremental updates during interaction. And D3 supports popular interaction methods including [dragging](#), [brushing](#), and [zooming](#).

The interaction section shows:

- Vesvor dragging
- Index chart
- Sequences sunburst
- Brushable scatterplot
- Brushable scatterplot matrix
- Pannable chart
- Zoomable area chart
- Zoomable bar chart
- Seamless zoomable map tiles

# Gestaltungsvorgabe



**Format:** 9:19.5 (z.B. 415x900)