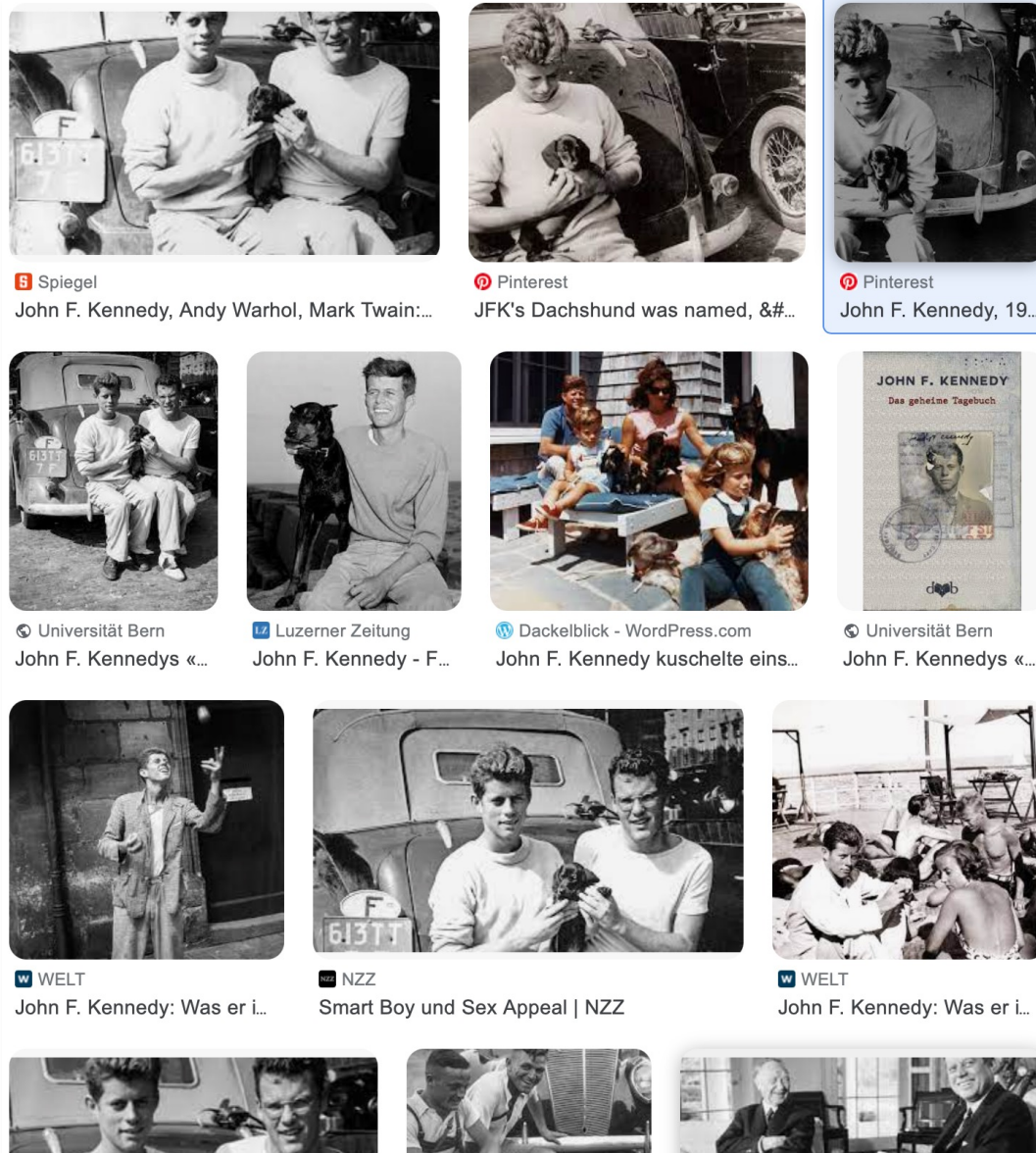


Artificial Intelligence (AI)

Image Generation

Google image search for: „John F. Kennedy with Dachshund“



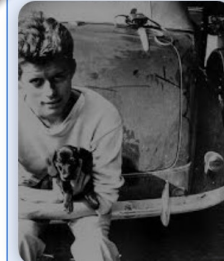
Google image search for: „John F. Kennedy with Dachshund“



Spiegel
John F. Kennedy, Andy Warhol, Mark Twain:...



Pinterest
JFK's Dachshund was named, &#...



Pinterest
John F. Kennedy, 19...



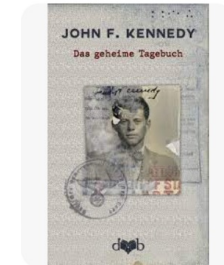
Universität Bern
John F. Kennedys «...



Luzerner Zeitung
John F. Kennedy - F...



Dackelblick - WordPress.com
John F. Kennedy kuschelte eins...



Universität Bern
John F. Kennedys «...



WELT
John F. Kennedy: Was er i...



NZZ
Smart Boy und Sex Appeal | NZZ



WELT
John F. Kennedy: Was er i...



Each image resulting from this search...



... is being blurred, i.e. „noise“ is being added



... and some more „noise“

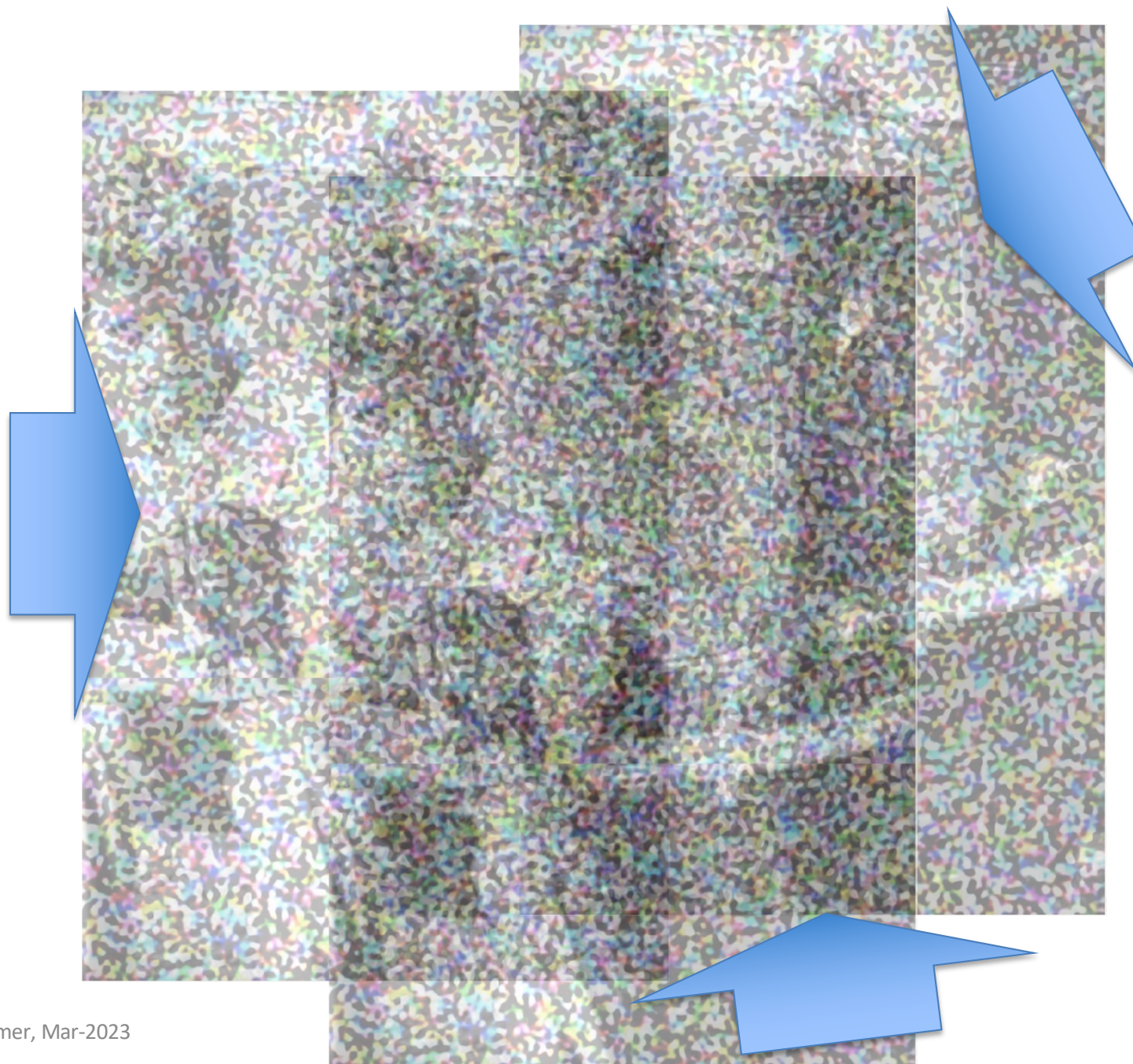


... the „blurred“ result will then be used in the next step of AI image generation



The source image has been blurred, and has thereby been reduced to only few remaining pixels still containing information from the original image

Superimposing a great number of these blurred inputs



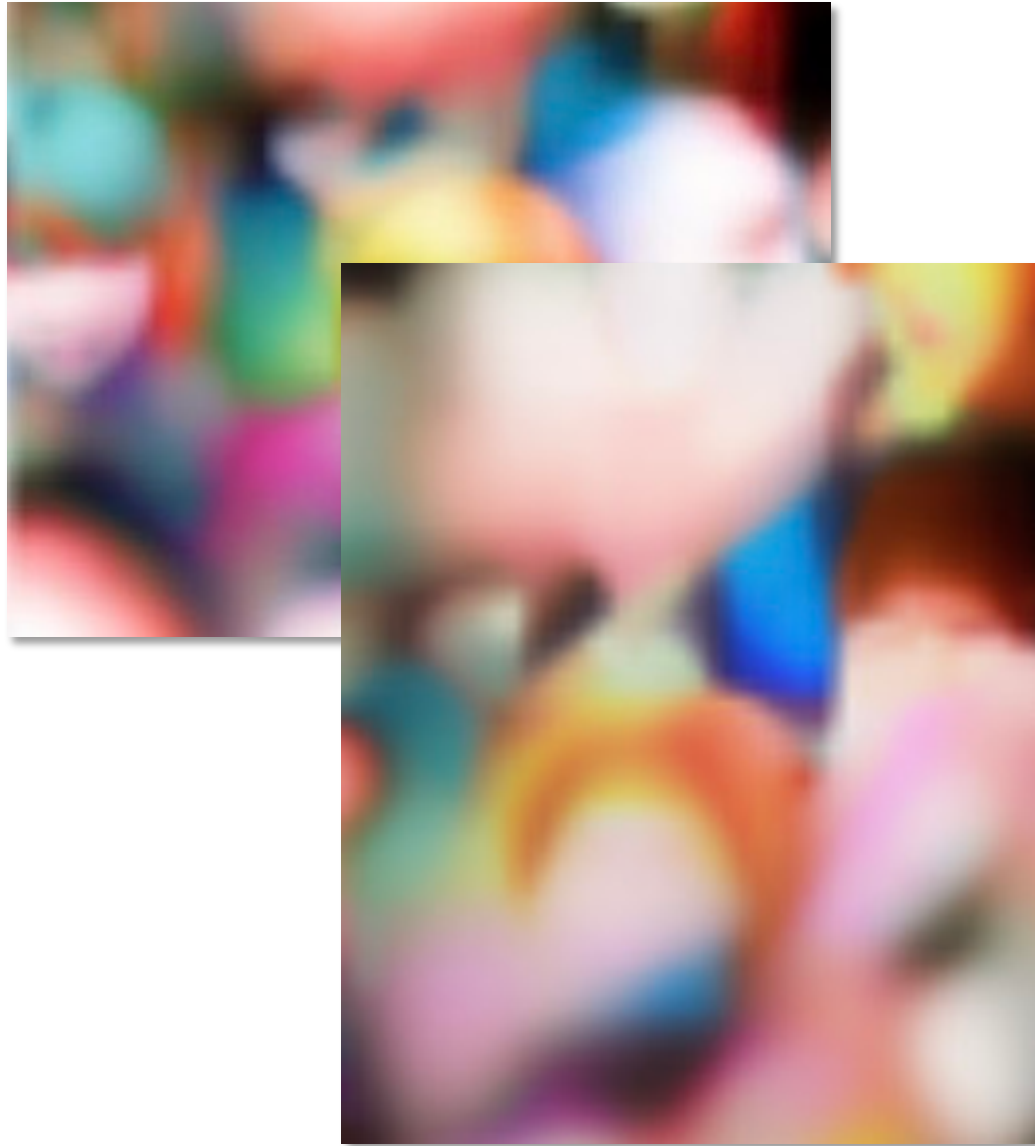
... results in a „statistical pixel cloud“ , i.e. in a typical image given a specific search (in the below case maybe: „woman with sheep“)



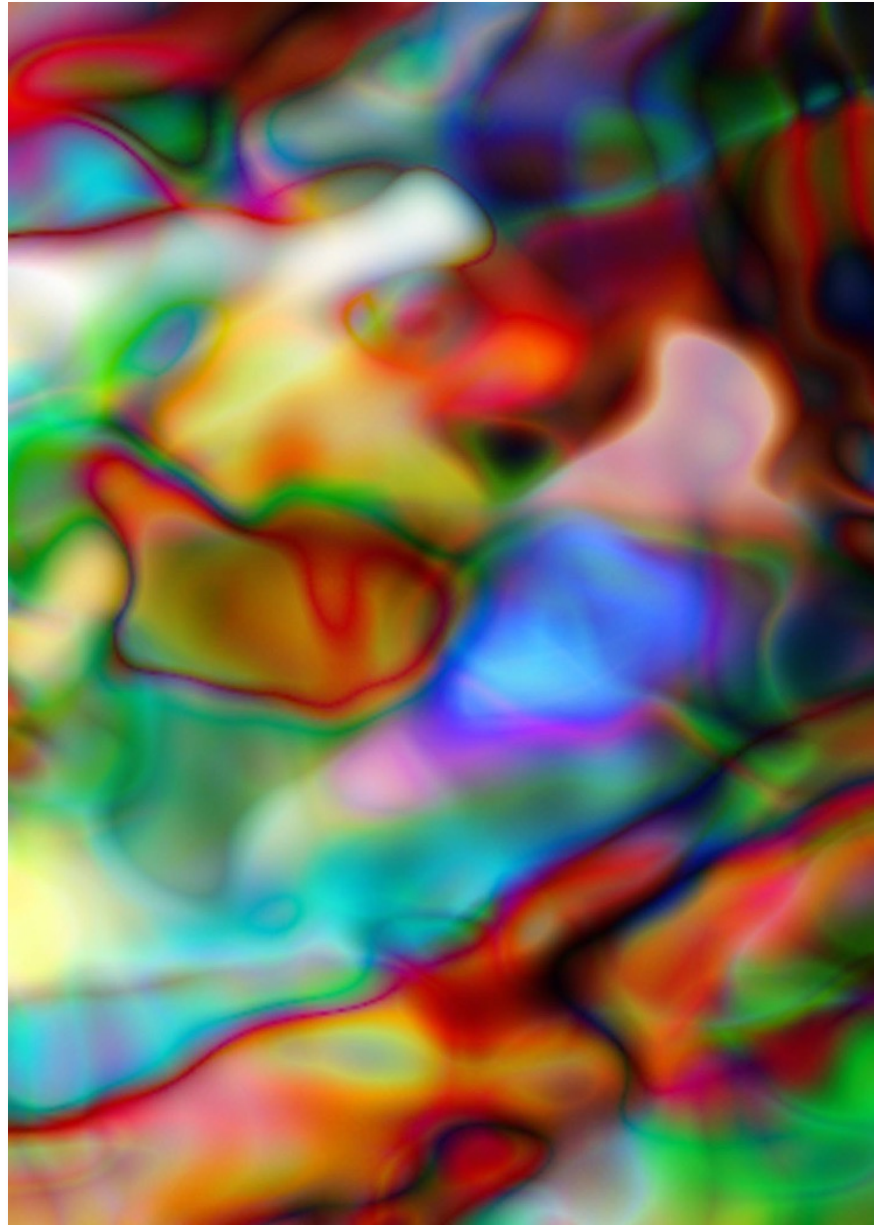
How does an AI image for „blurred colorful manga images superimposed“ look like?



2023: see below (cutouts)



2001: „substrat“ by Thomas Ruff



Comparison of underlying (mostly identical) algorithms

Thomas Ruff	AI-Image
Text based image search for „typical“ images (using an AI software, here: an Internet search engine)	Text based image search for „typical“ images (using an AI software, here: integrated in the text-to-image software)
Blurring of found image data	Blurring of found image data
Superimposing of blurred images as to form a new „typical“ image	Superimposing of blurred images as to form a new „typical“ image

1994/95: „Andere Porträts“ by Thomas Ruff



Screenprint of a
„virtual person“
(non-existent)

constructed by

**superimposing and
blending of several
analog images**

1999: „l.m.v.d.r.“ by Thomas Ruff



Photography in Virtual Space

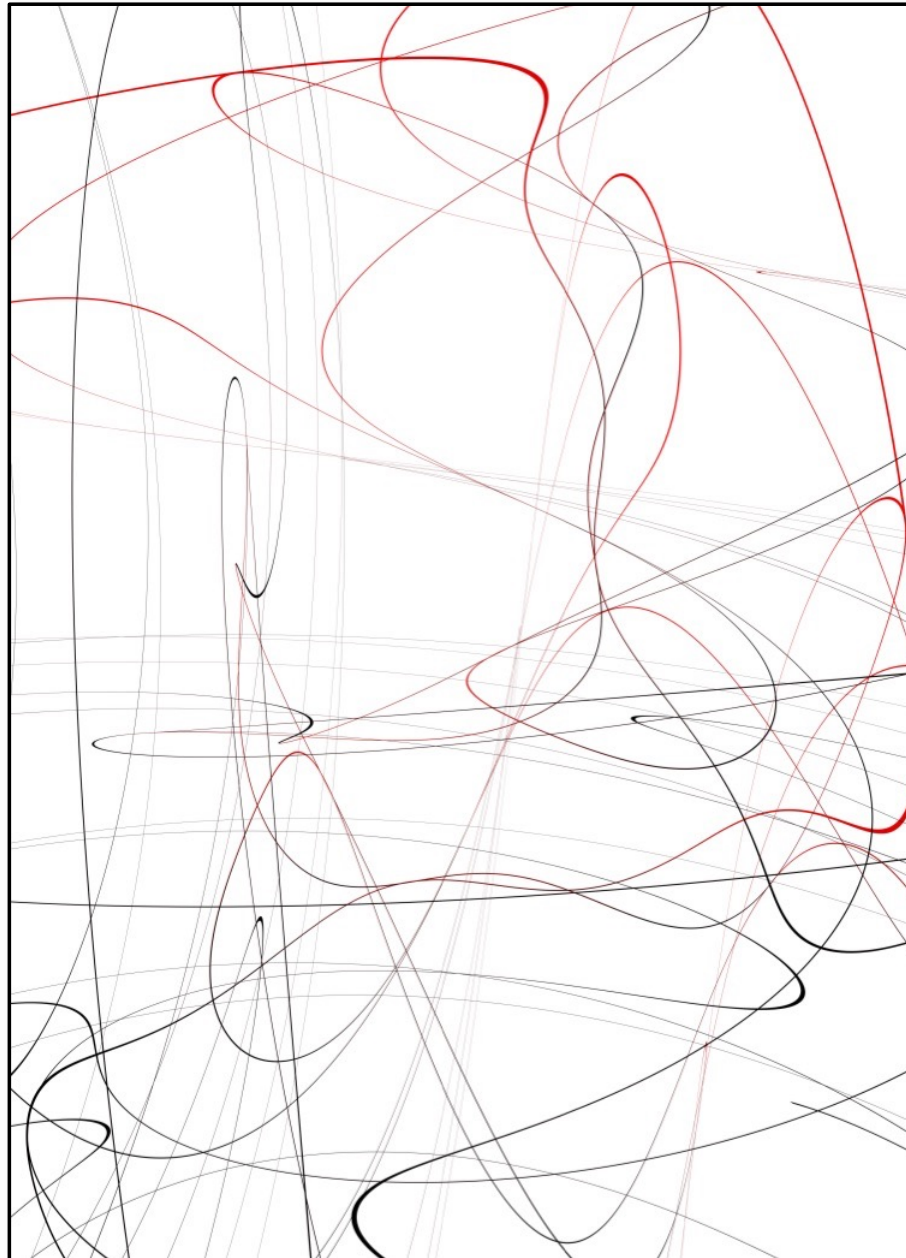
Virtual Reality (VR)

2023: Virtual Reality

How can we document VR experience and share it with other people?



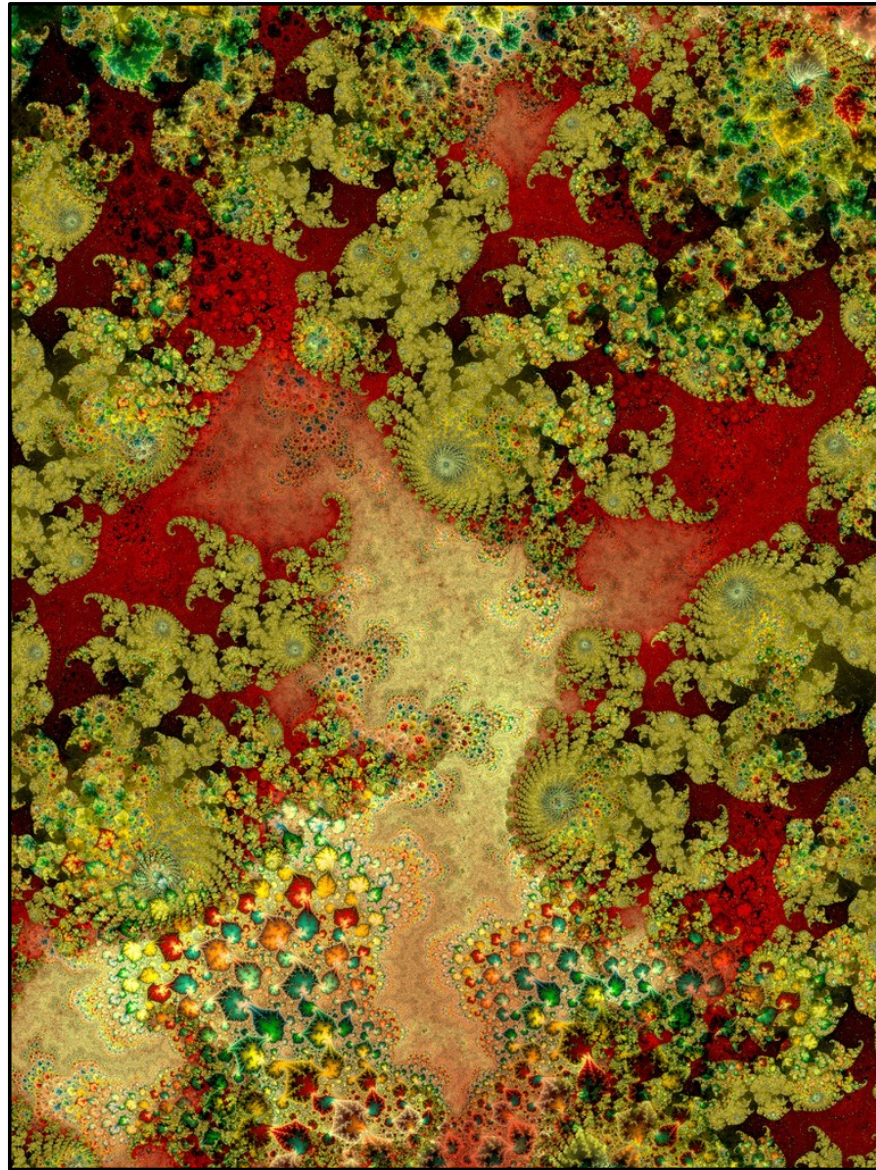
2008: „zycles“ by Thomas Ruff



Photography in Virtual Space

Inkjet prints
of views Ruff
experienced inside
his simple VR
model

2022: „do.p.e.-Serie“ by Thomas Ruff



Photography in Virtual Space

Prints on carpet
of views Ruff
experienced inside
a mathematical
space (VR) of
infinite depth