

PROCESS BOOK

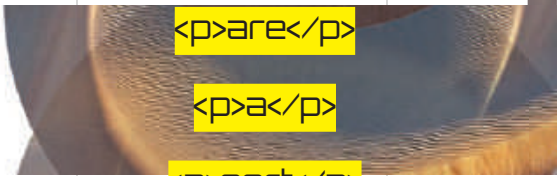
DIANA PADOVAC



<p>The</p>

<pxuxspan style="background-color: rgb(247, 218, 100);">sediments</ux></p>

</ux></p>



<p>are</p>

<p>a</p>

<p>sort</p>

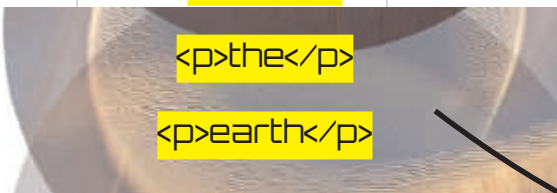
<p>of</p>



<p>epic</p>

<pxstrong>poem</p>

<p>of</p>



<p>the</p>

<p>earth</p>



the Earth is active

dynamic system

While networks are good at describing long-distance and unexpected connections starting from local points, spheres are useful for describing local, fragile, and complex “atmospheric conditions.” -Bruno Latour



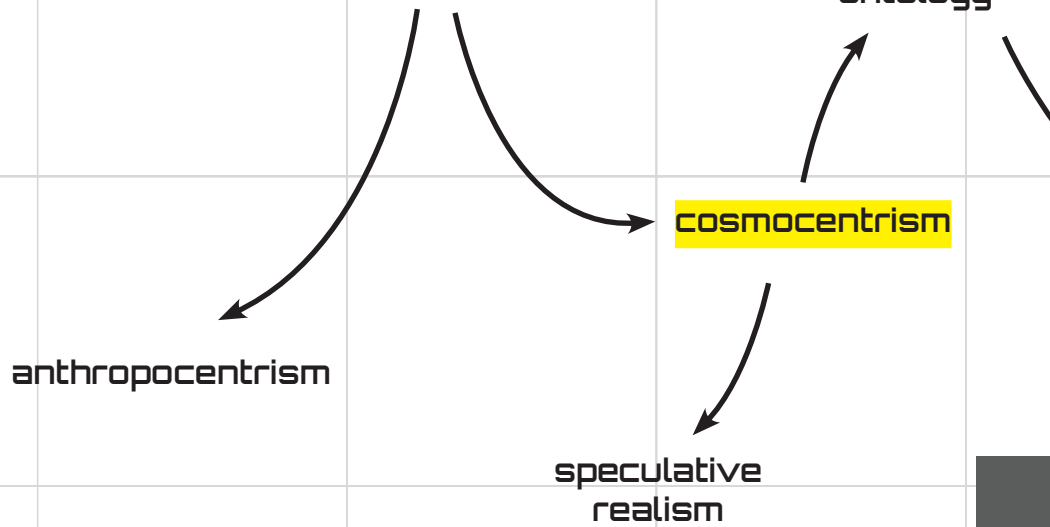
Tomas Saraceno: Galaxies Forming Along Filaments



infinite possibilities for
encapsulating stories
of past landscapes

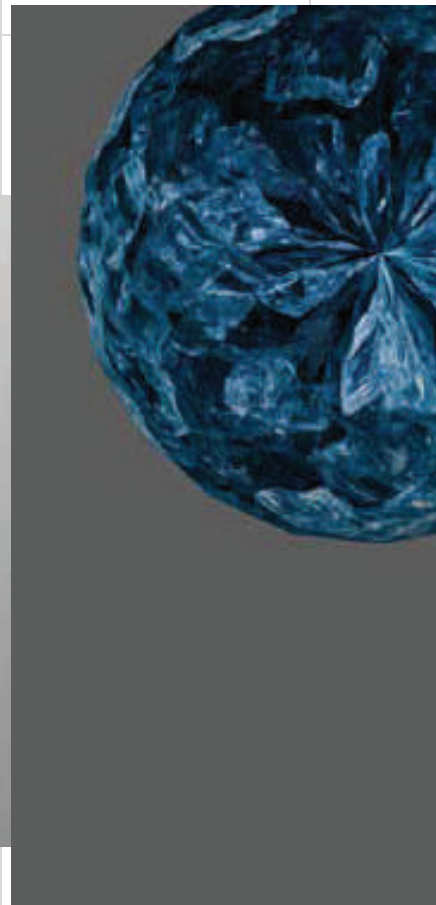
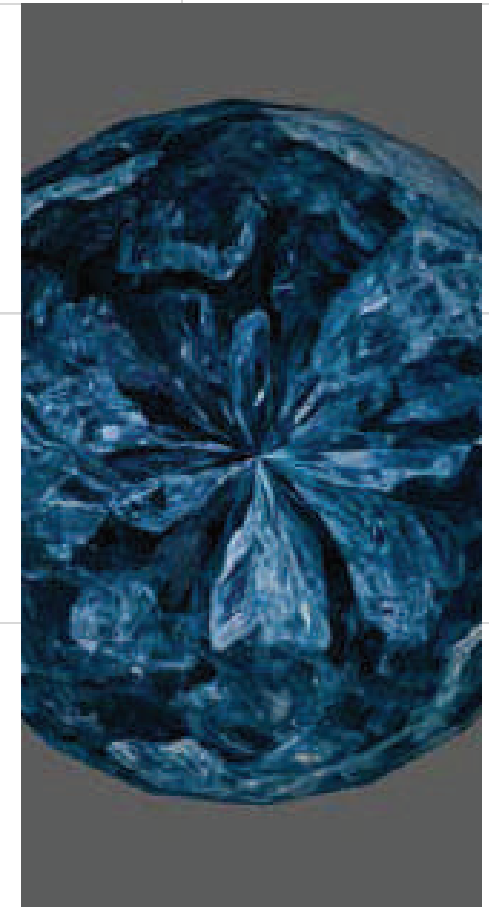


seeing the world from the perspective of the world itself - Jack Self



how does a cloud experience a rainstorm

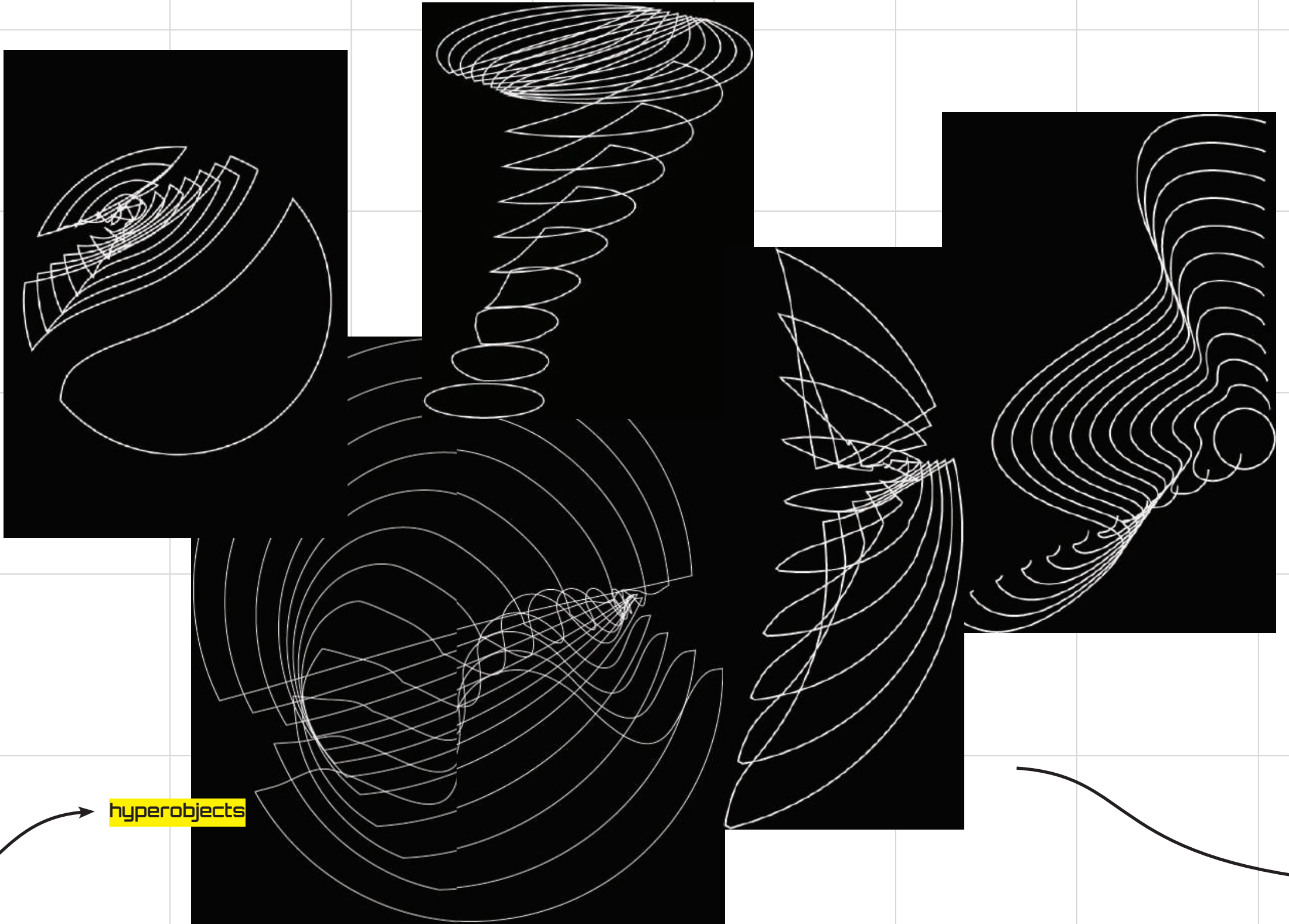
objective reality



transcend all human comprehension

Rocks, more than anything else, underpin our lives. They make up the solid structure of the Earth and of other rocky planets, and are present at the cores of gas giant planets. We live on the rocky surface of the planet, grow our food on weathered debris derived from rocks, and from rocks we obtain nearly all of the raw materials with which we build our civilization. Increasingly, we are making rocks on a planetary scale, in the form of gigantic amounts of concrete, brick, and ceramic. More widely, rocks contain our sense of planetary history: indeed, in a very literal sense they *are* the evidence from which Earth history, as encapsulated in the GEOLOGICAL TIME SCALE (Figure 1), is constructed. And, in their guise as petrified history, rocks are a guide to our future, too.

Jan Zalasiewicz - Rocks: A Very Short Introduction



hyperobjects

T. J. DEMOS
Against the Anthropocene



consumerism

great acceleration


globalisation

anthropocene



Human's interaction with a global environment -> unconcern over space and time -> human's separation from their own world and history.

Possibility of catastrophic collapse on a planetary scale if contemporary trends in resource use continued. -Ursula K. Heise



The video narrates a shifting data visualization of the globe, showing schematic networks of light trajectories that reference energy, transportation and communication systems. Such imagery speaks to a problem - the expanded spatial and temporal scales of geology pressure, if not altogether exceed human comprehension, and thereby present major challenges to representation systems. -T. J. Demos

Welcome to the Anthropocene – Globaia.

1965

1970

1975

1980

1985

1990

1995

2000

2005

2010

Jafa proposes an allegory for the destruction of the world that, in a parallel universe, geoengineering wishes to repair.



Jafa Arthur - Love is the Message,
The Message is Death

The film tries to paint the whole terrifying picture: not just the damage on the planet, but also ourselves



John Akomfrah - Purple

'The discovery of gold and silver in America, the extirpation, enslavement and entombment in mines of the aboriginal population, the beginning of the conquest and looting of the East Indies, the turning of Africa into a warren for the commercial hunting of black-skins, signalled the rosy dawn of the era of capitalist production.'

KARL MARX, CAPITAL, VOL. I, 1867



<blockquote>

<p>Technology,</p>

</blockquote>

<p>while it often appears</p>

<p>as</p>

<p>opaque complexity, </p>

<p>is</p>

<p>in fact </p>

<p>attempting</p>

<p>to communicate</p>

<blockquote>

<p>the state of reality.</p>

</blockquote>

<p>xbr>- James Bridle</p>

future fossils

technological
utopia



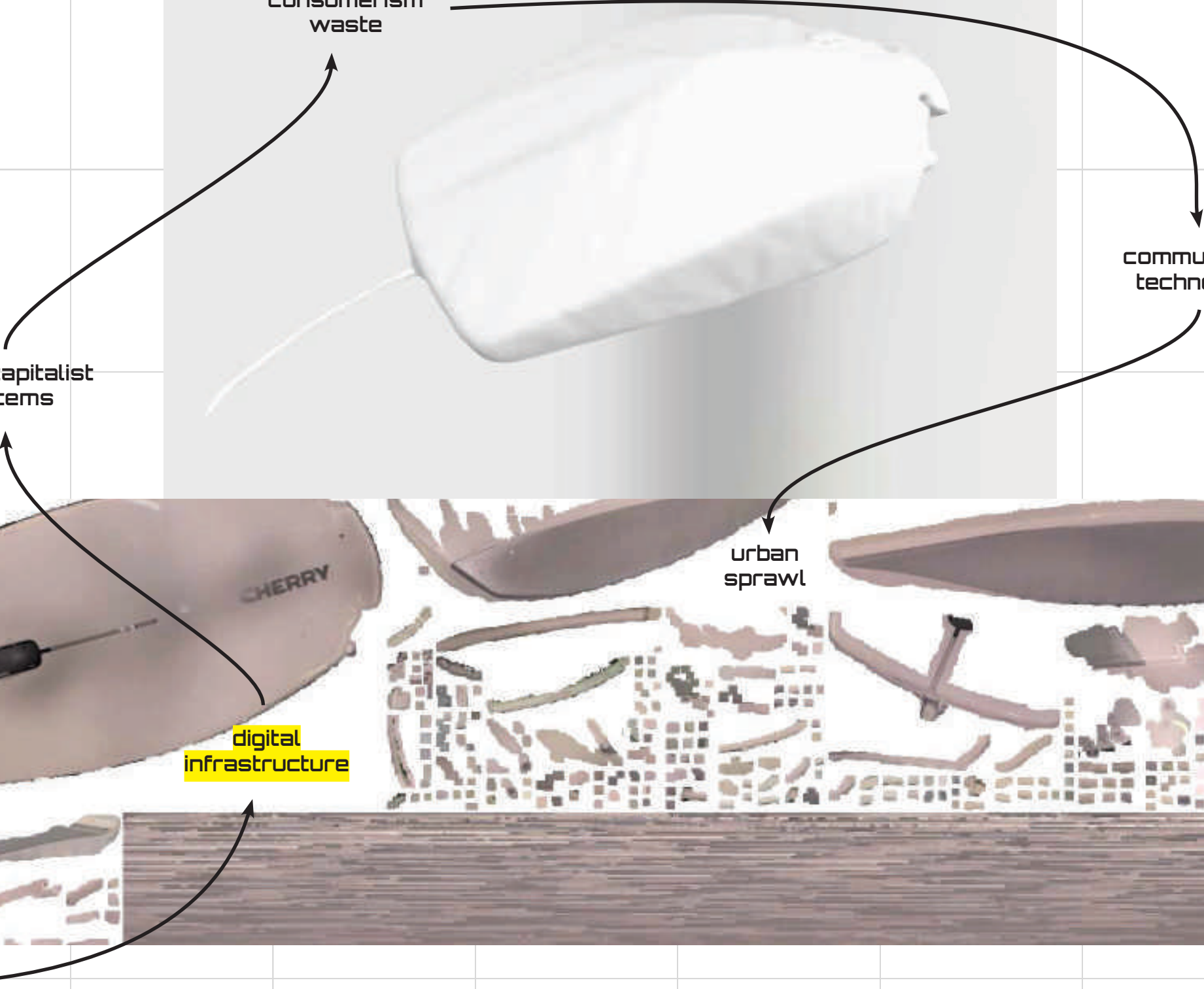
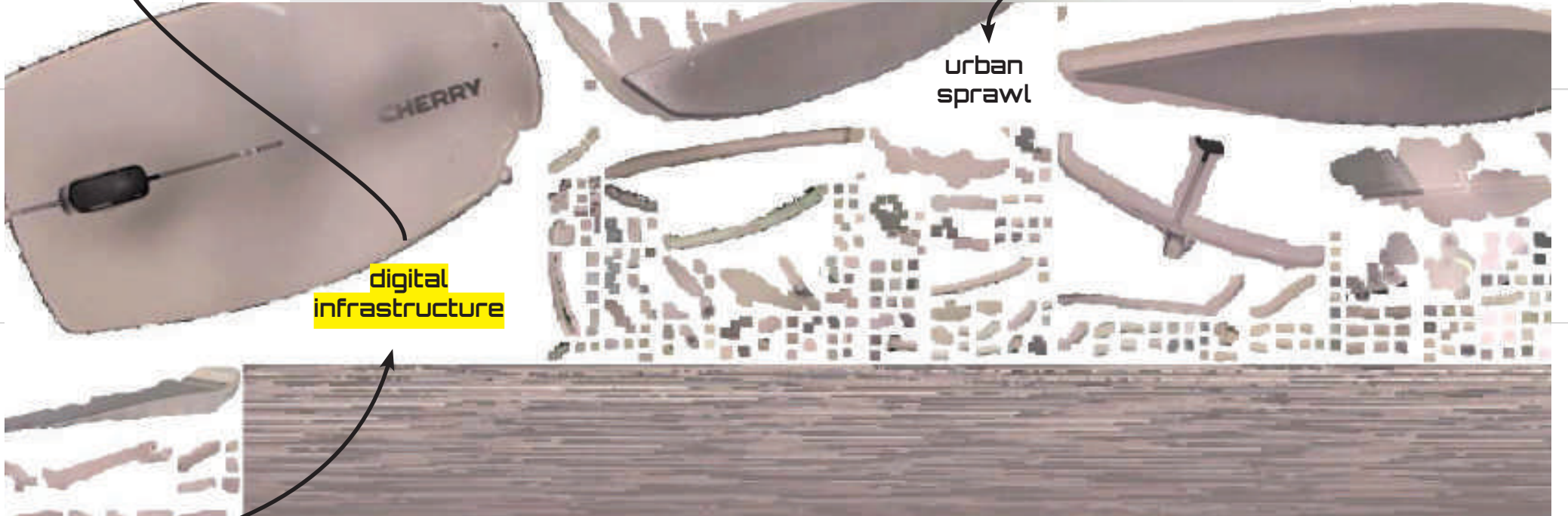
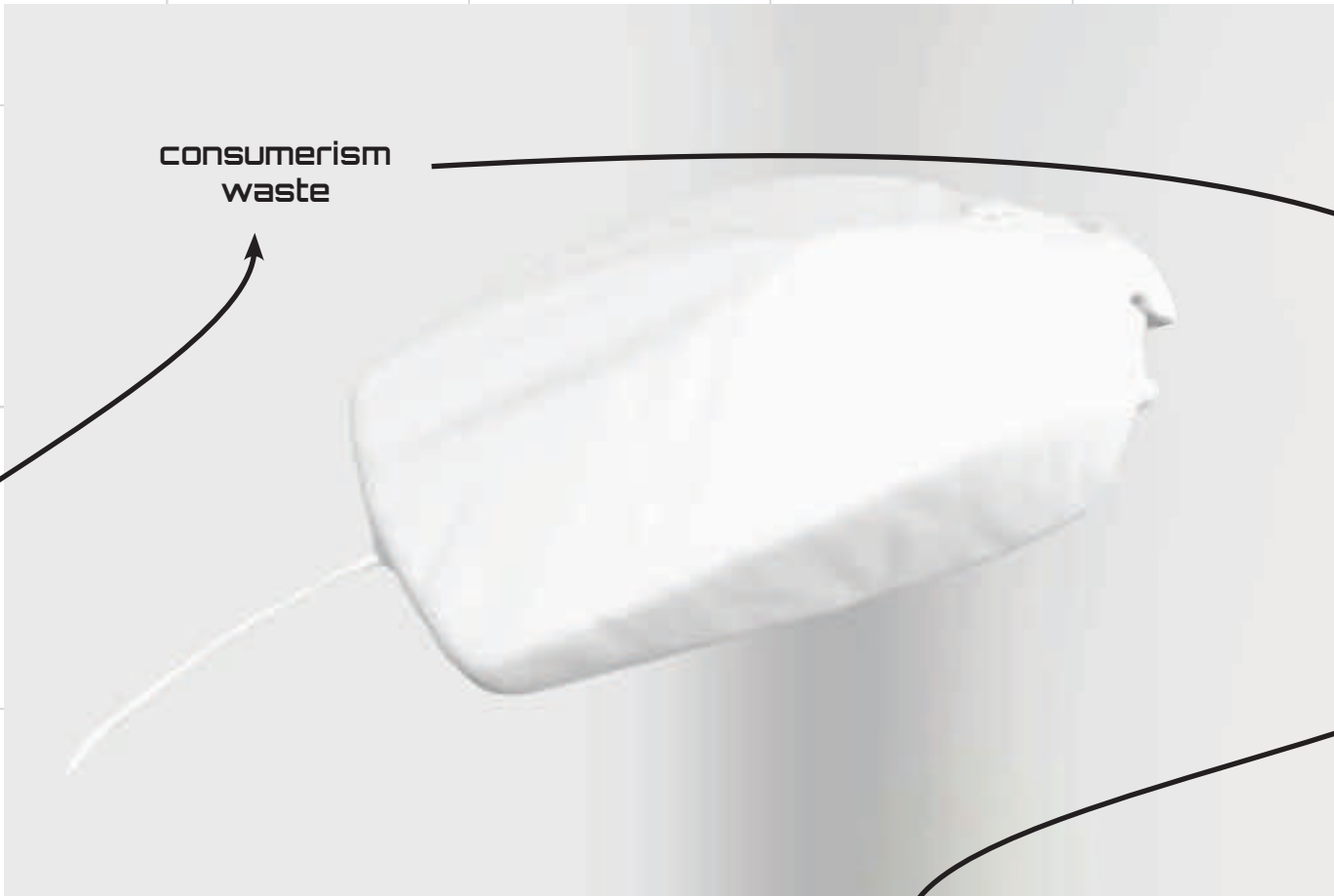
consumerism
waste

communication
technologies

hyper capitalist
systems

urban
sprawl

digital
infrastructure



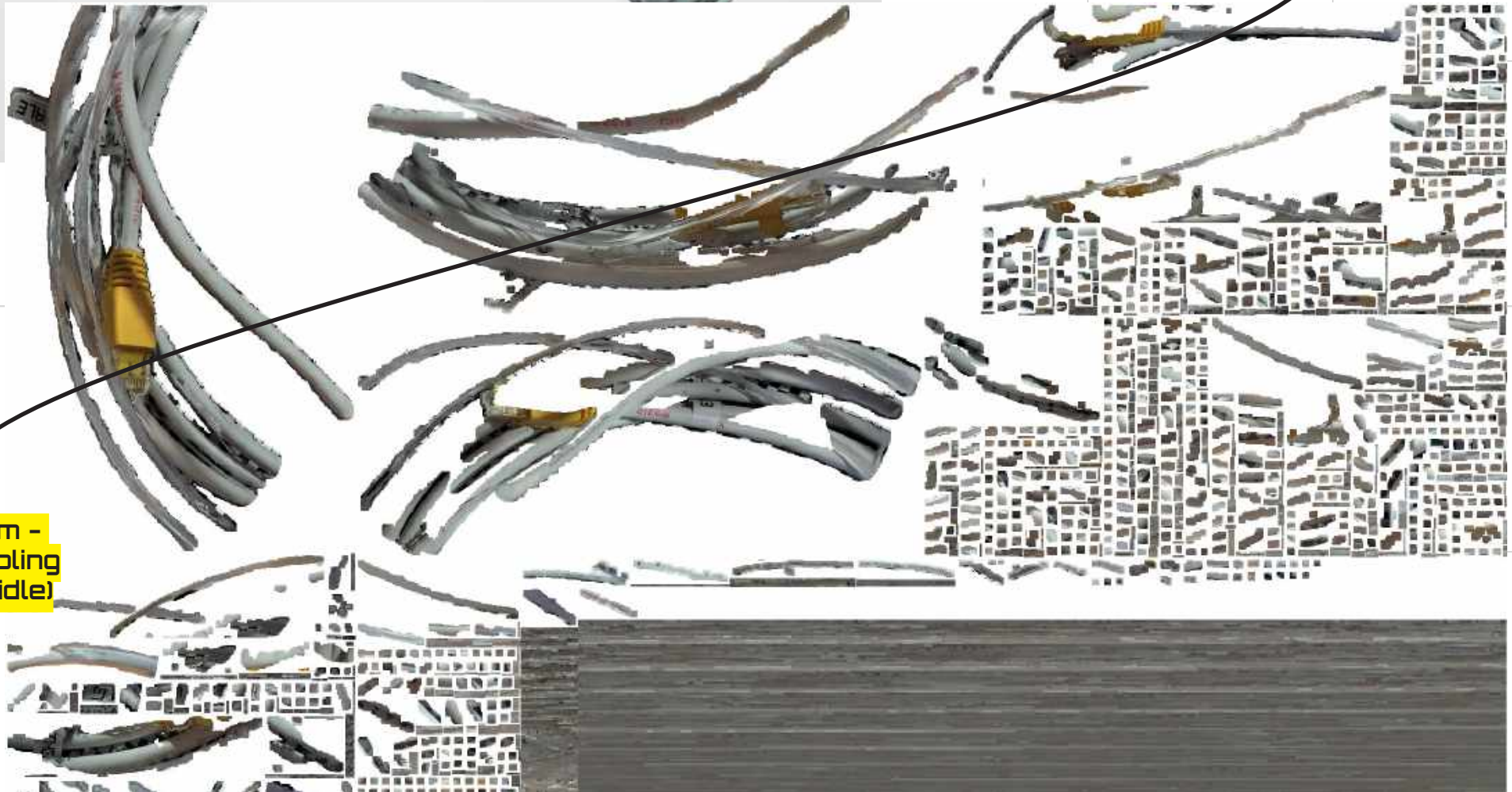
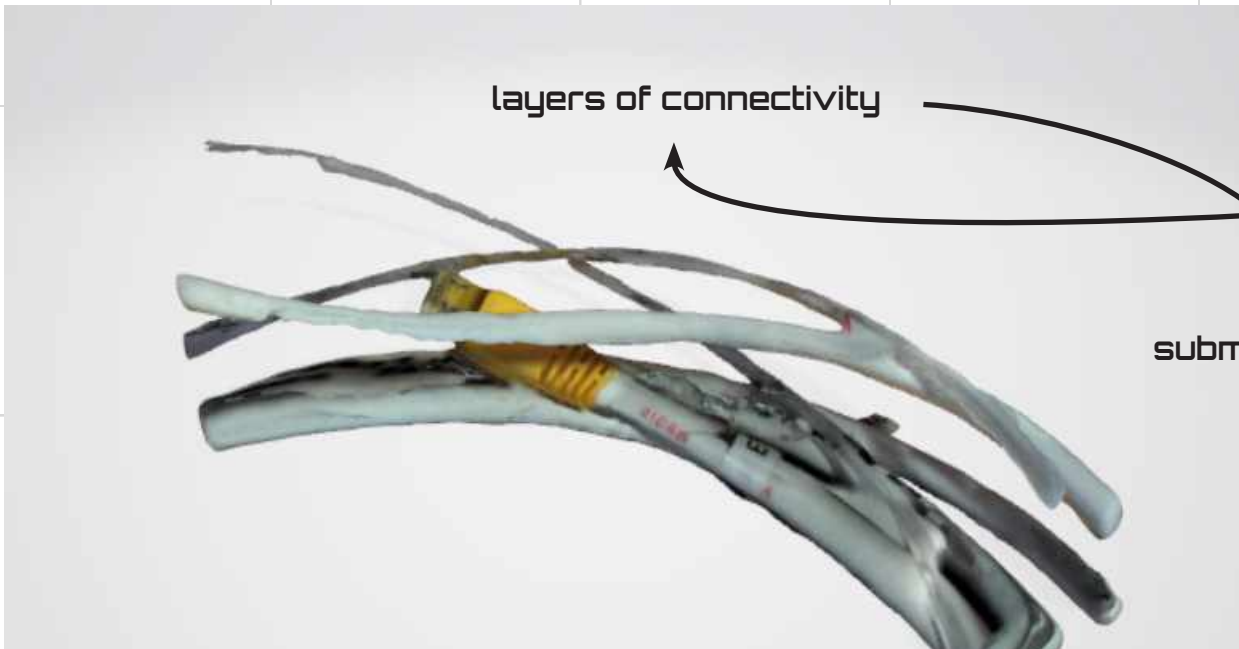
layers of connectivity

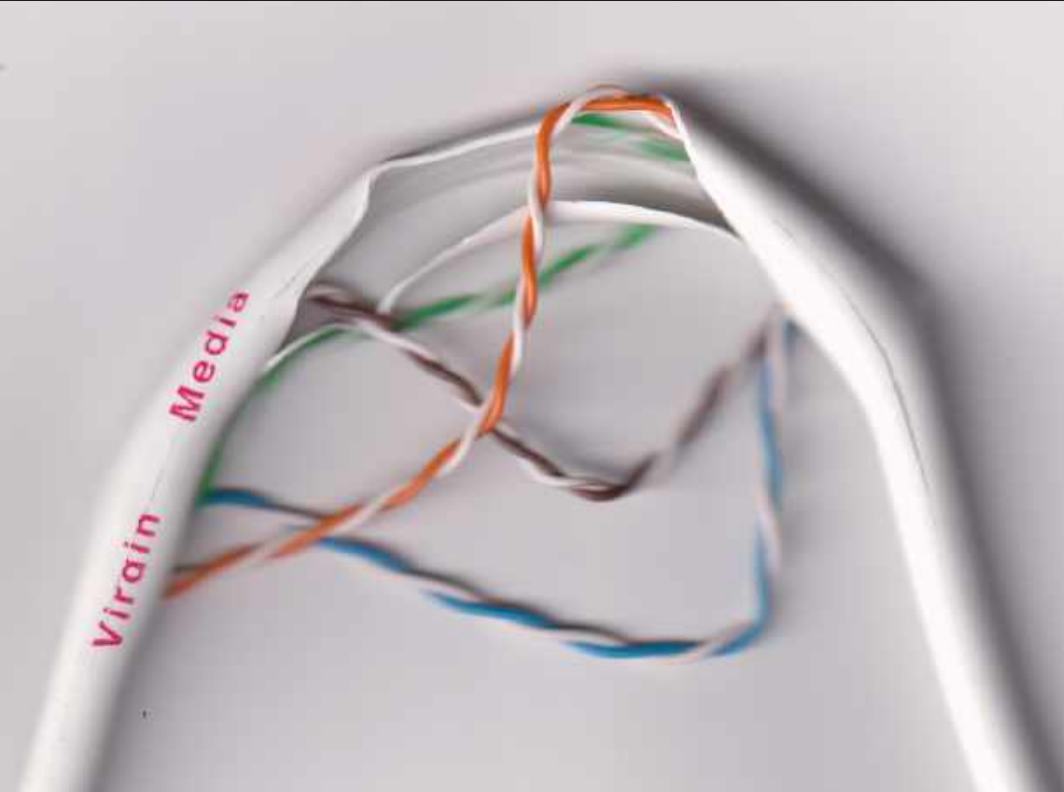
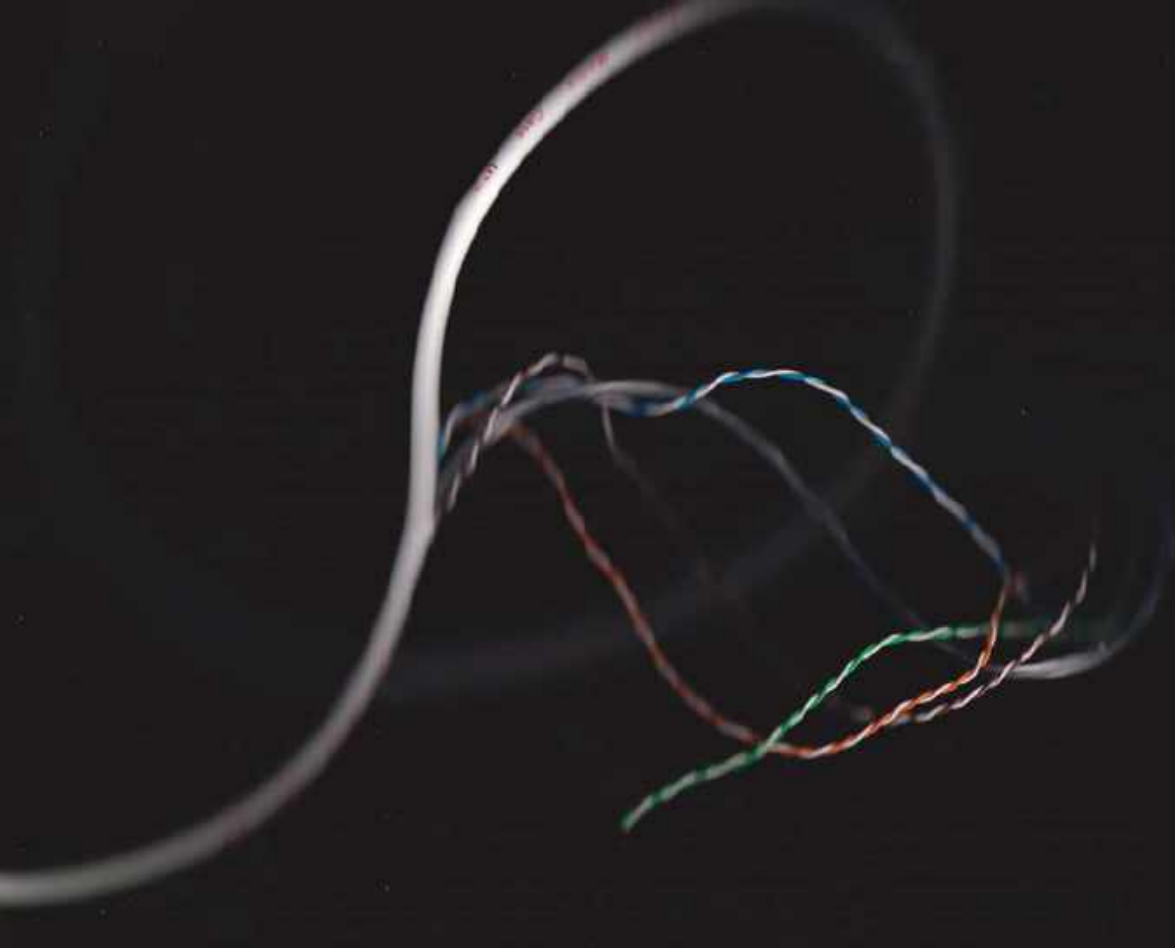
Fiber optics

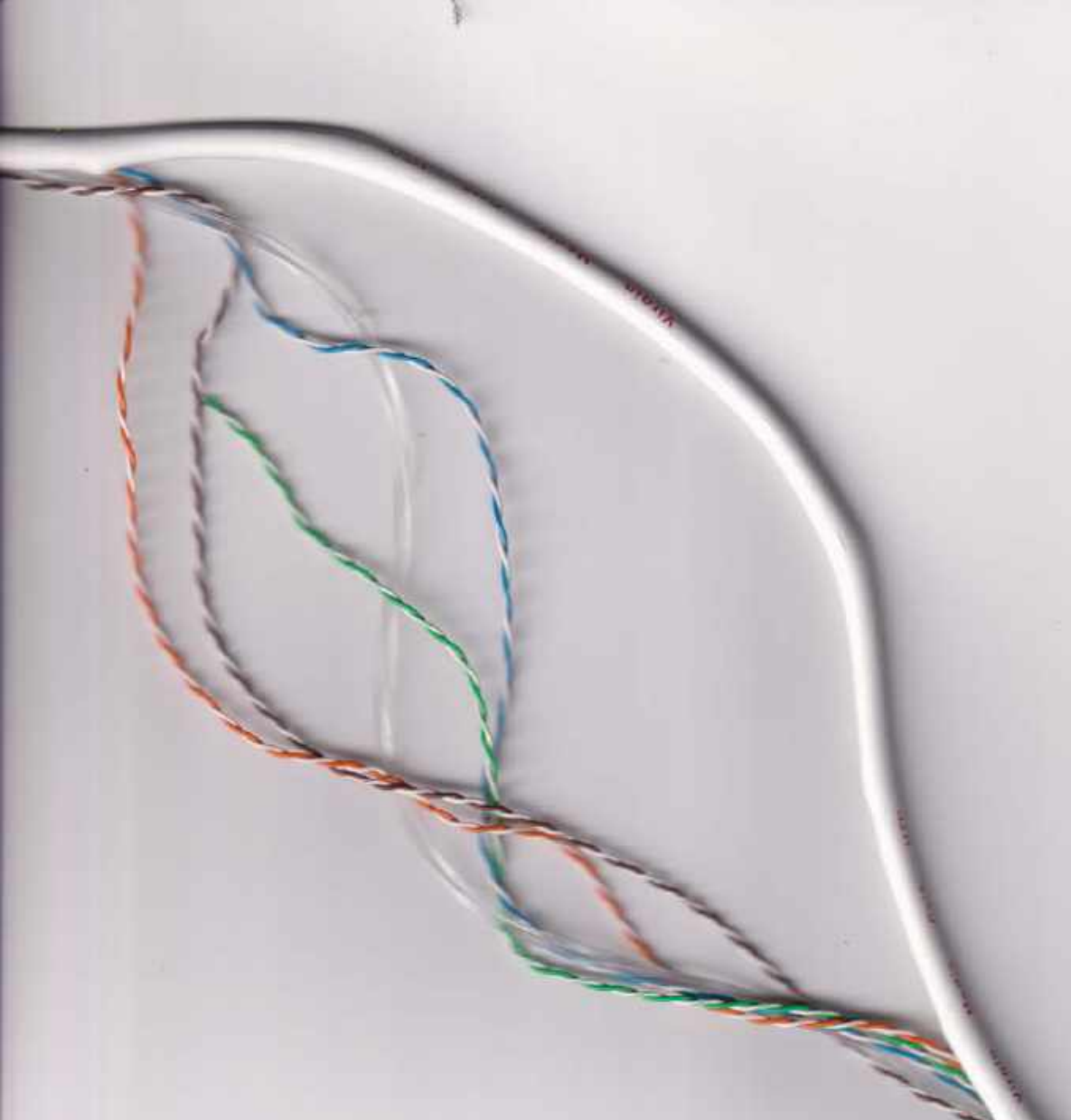
submarine cables

connecting continents

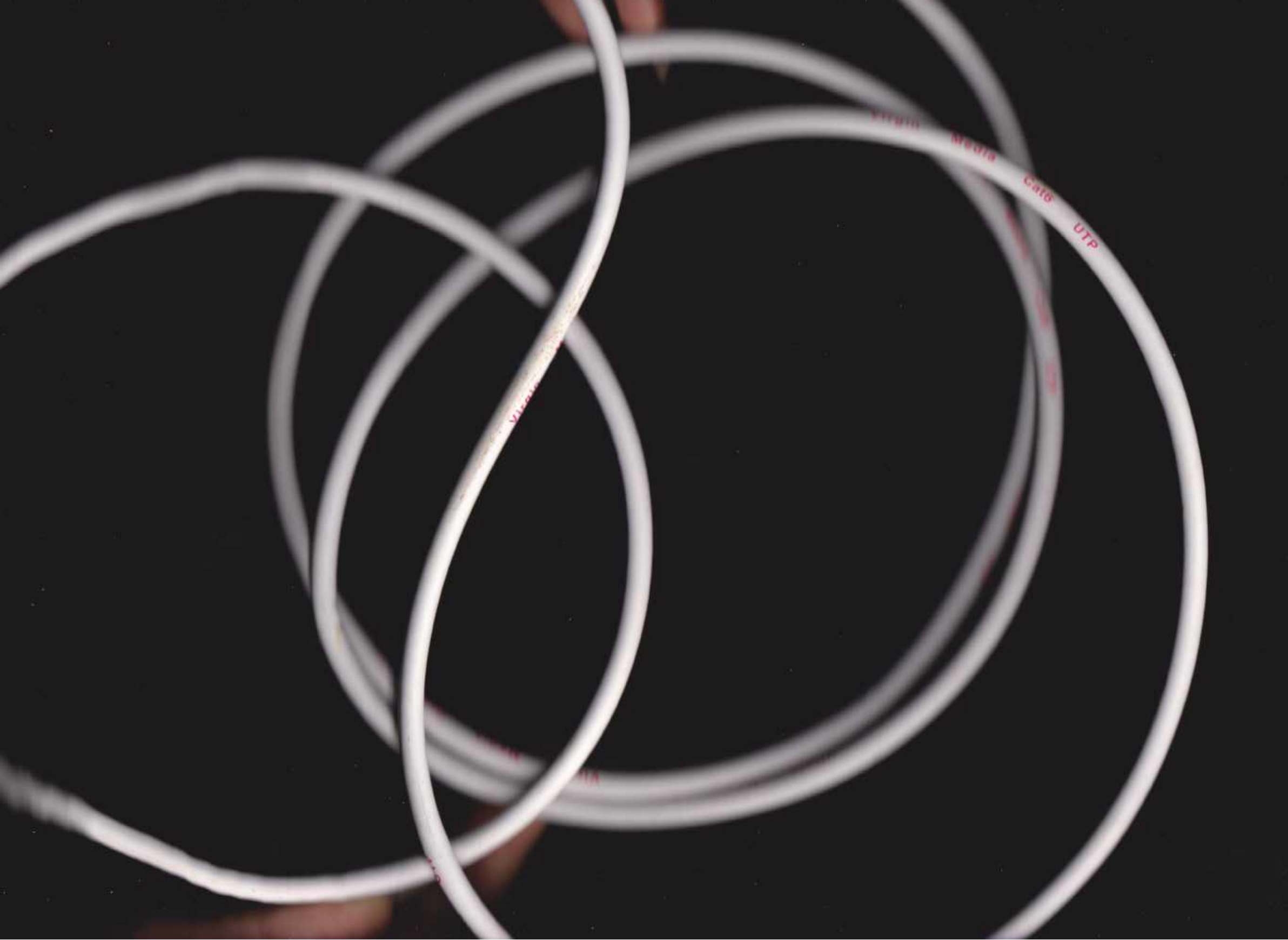
imperialism - colonial cabling (James Bridle)

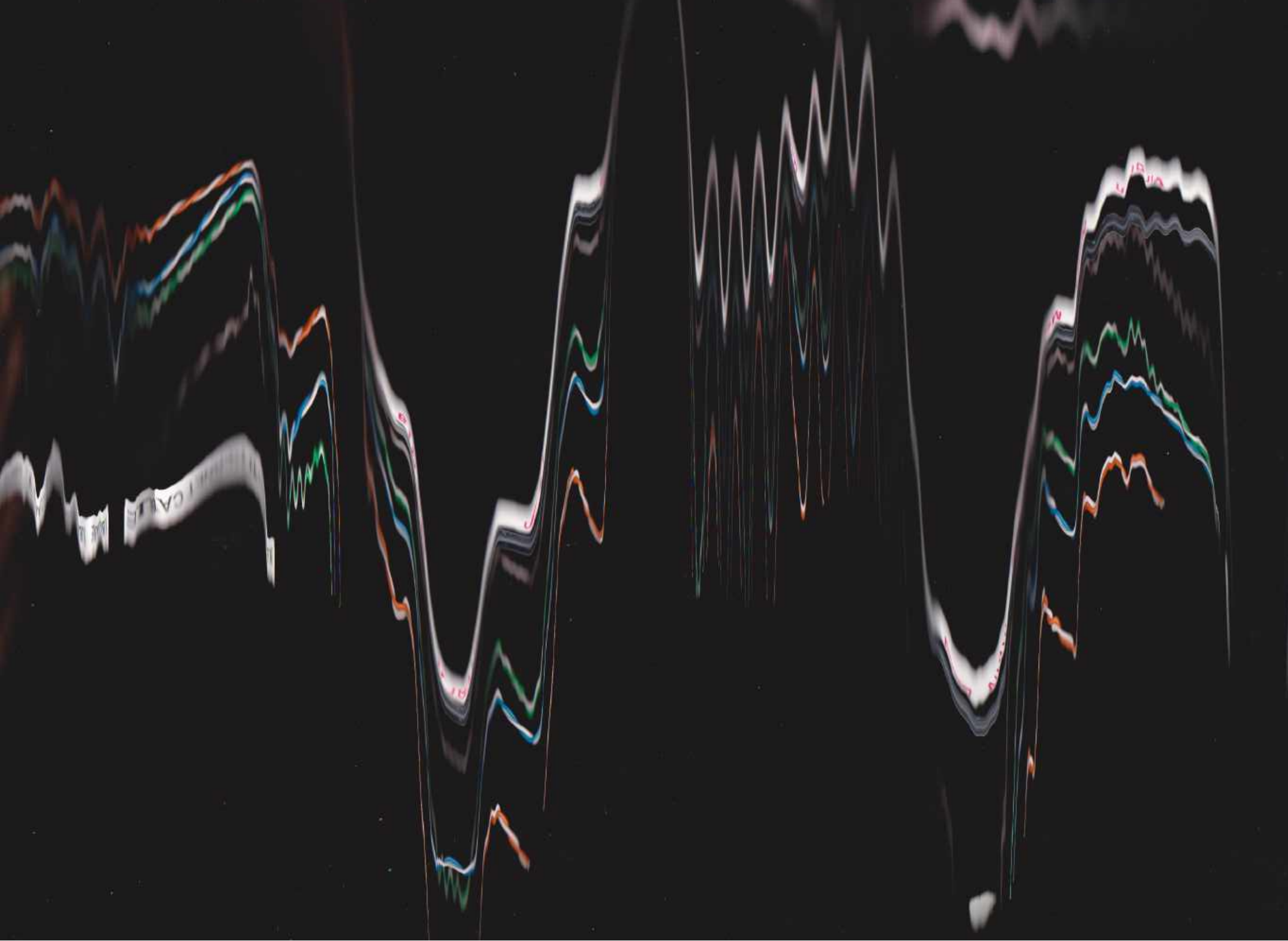






monopoly can develop. The position of the fiber in urban and rural areas or the character of new enclaves and roads are all spatial factors with the power to either amplify or diminish the access to information.





media materiality



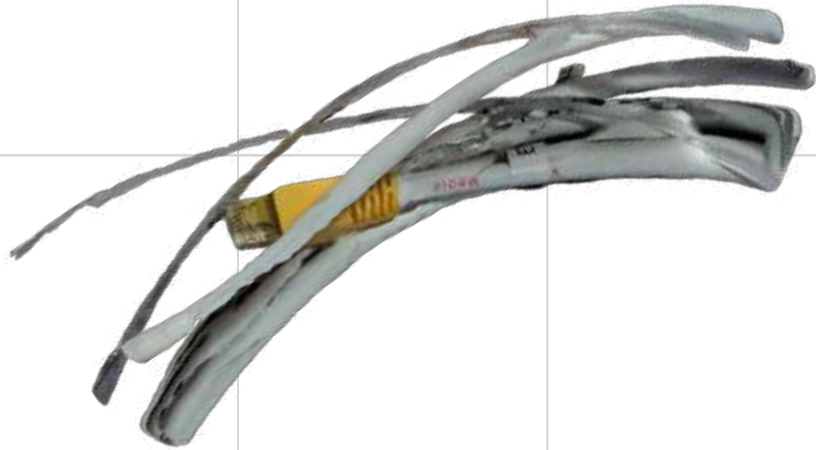
consequence, shape, and law. Yet today, more than grids of pipes and wires, infrastructure includes pools of microwaves beaming from satellites and populations of atomized electronic devices that we hold in our hands. The shared standards and ideas that

Keller Easterling - Extrastatecraft:
The Power of Infrastructure Space

machines only? Where do machines come from, what composes technology in its materiality and media after it becomes disused, dysfunctional dead media that refuse to die?

Jussi Parikka - A Geology of Media





For each technology in infrastructure space, to distinguish between what the organization is saying and what it is doing—the pretty landscape versus the fluid dynamics of the river—is to read the difference between a declared intent and an underlying disposition. The activities of a technology may be difficult to see even though, given the ubiquity of infrastructure space, they are hidden in plain sight. Examining each one, each active form—

Keller Easterling - Extrastatecraft:
The Power of Infrastructure Space



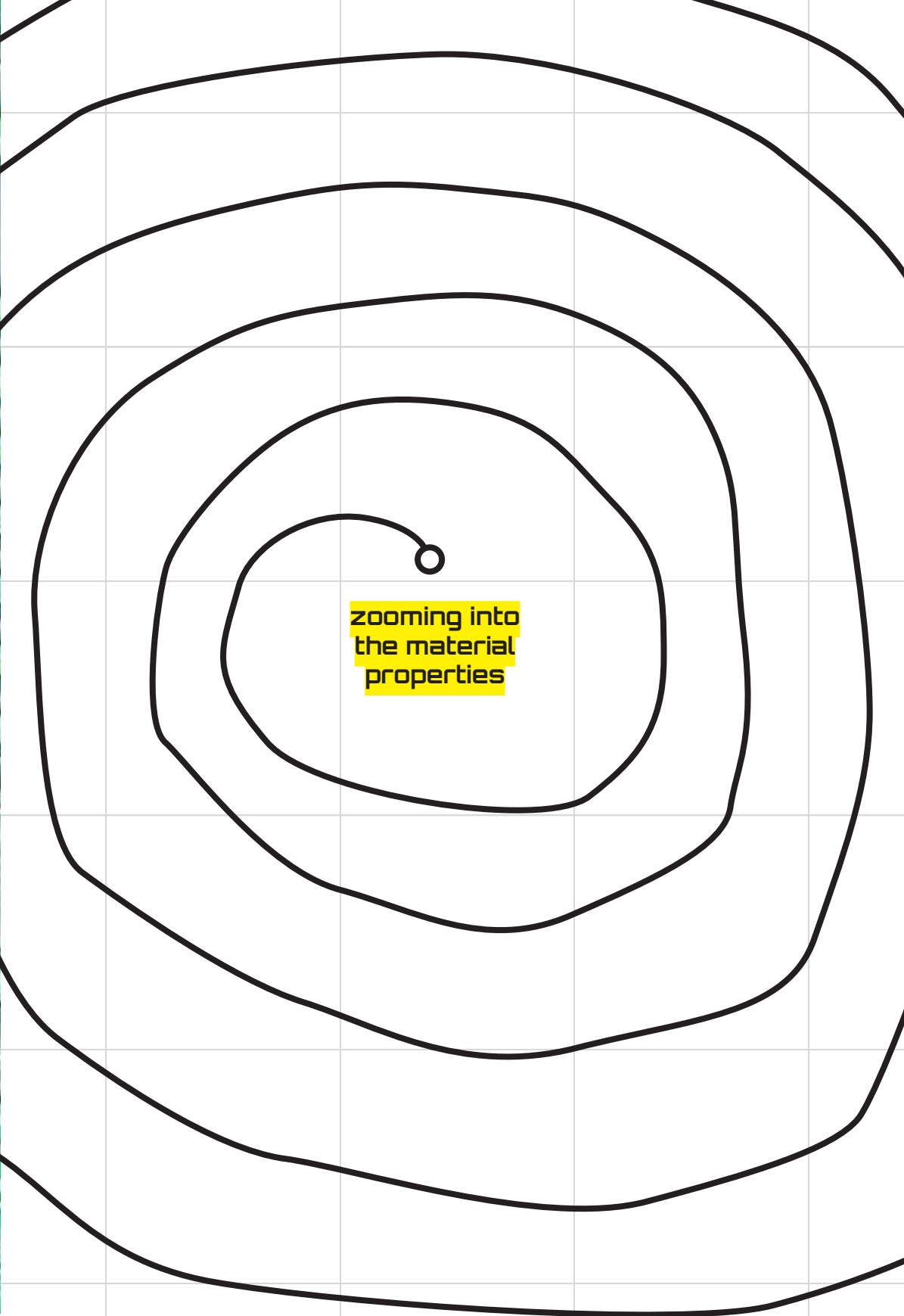
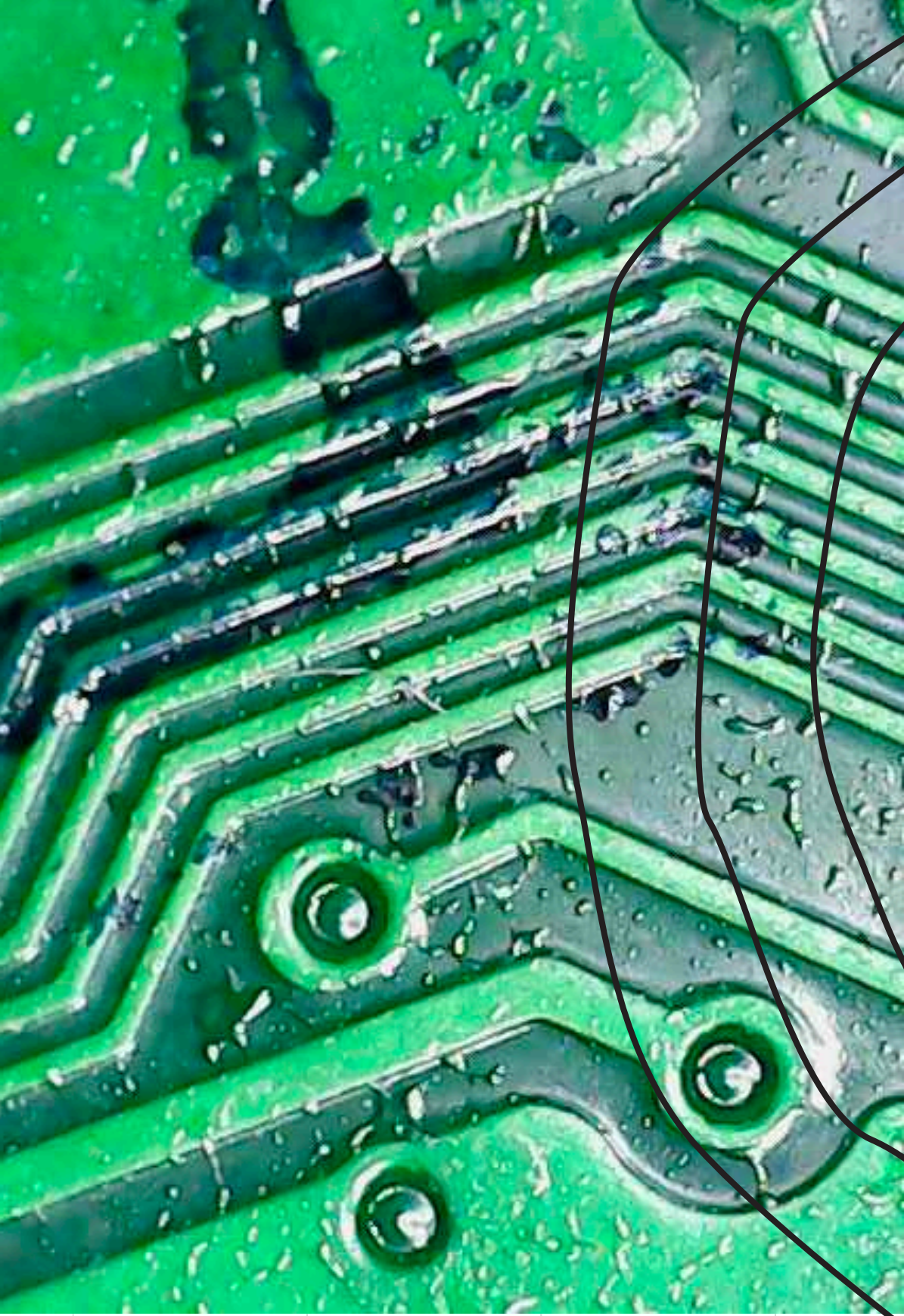
Evan Roth - Landscape With a Ruin



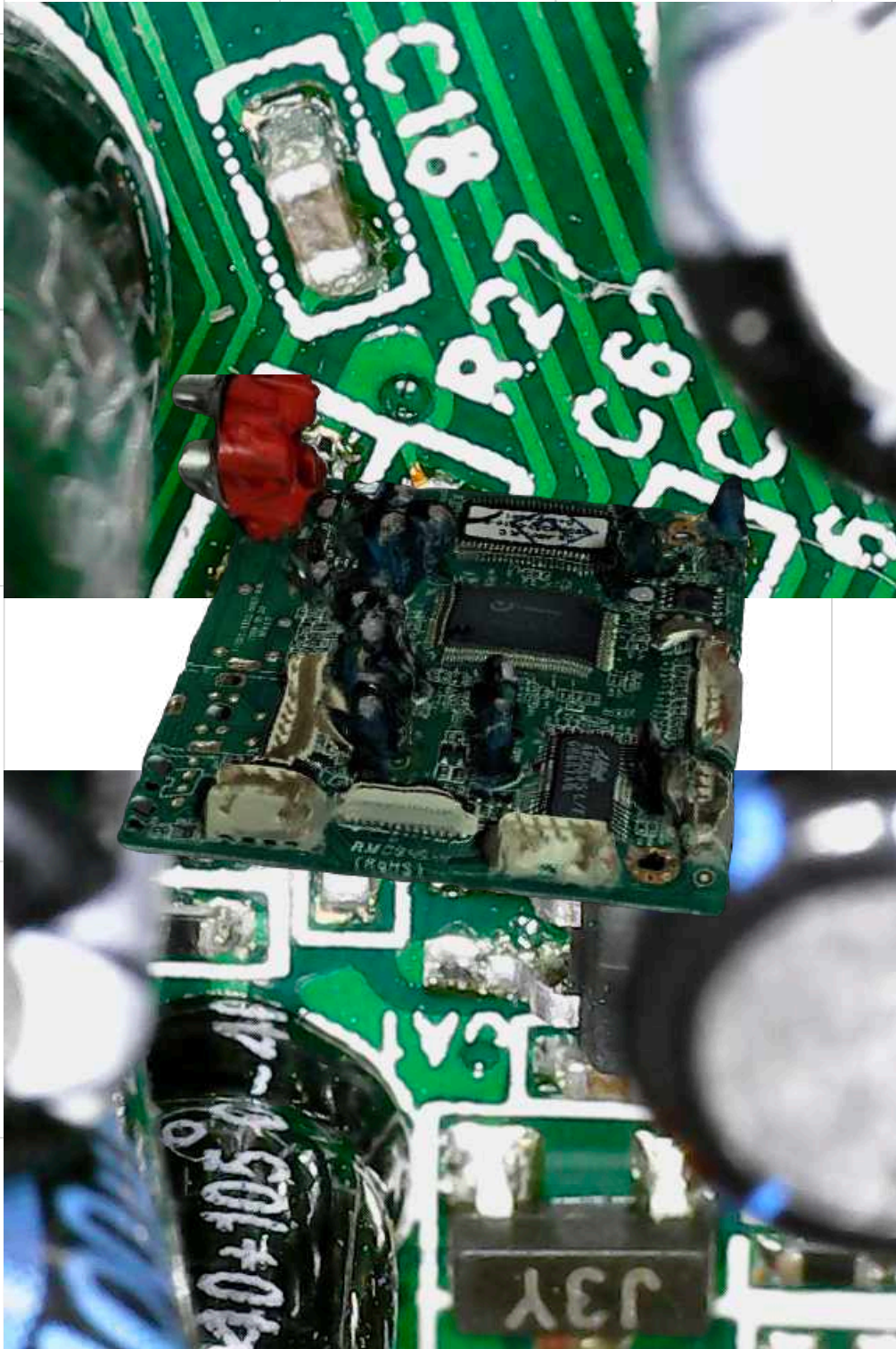
Throughout this exhibition Kintera recycles obsolete technological materials - transistors, circuits, electrical cables and lights - in order to present a vision of the world that we live in and, with a dark wit and humor, encourages us to reflect on our place within it.



Krištof Kintera - The End of Fun!



zooming into
the material
properties



"...so is living and dead material increasingly intergrated with cloud performance, slowly turning the world into a multilayered motherboard." -Hito Steyerl



<p>Beginning:</p>

<p>story of</p>

<p>lithium</p>

<p>a fundamental</p>

<p>component</p>

<p>in all</p>

<p>technology</p>

<p>begins.</p>



flickering of electron jumping from the battery in our phone it was there at

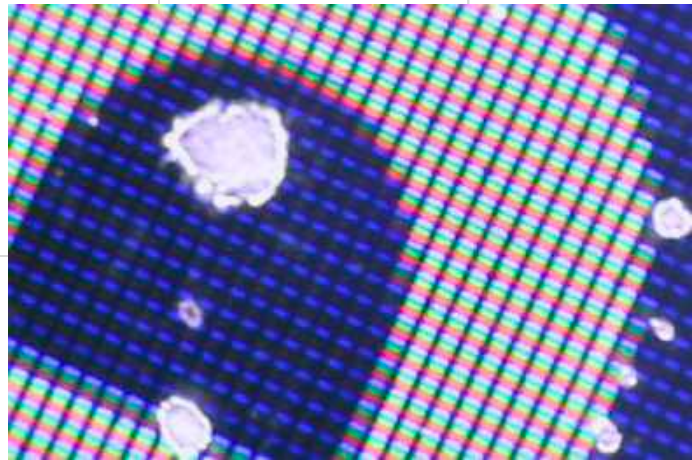
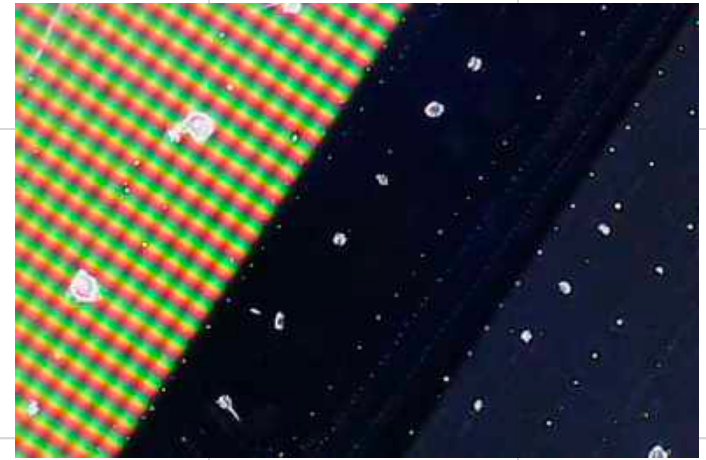
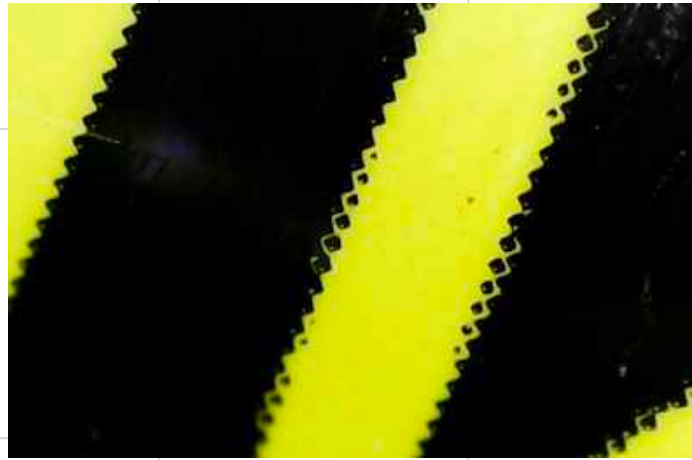
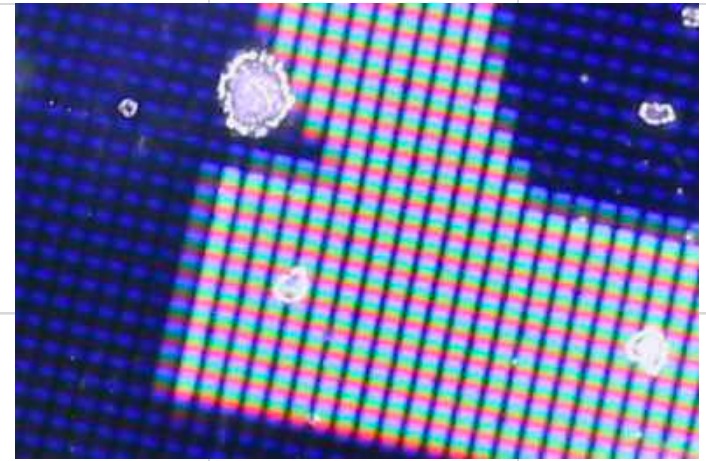
development is not mining through extraction but through evaporation

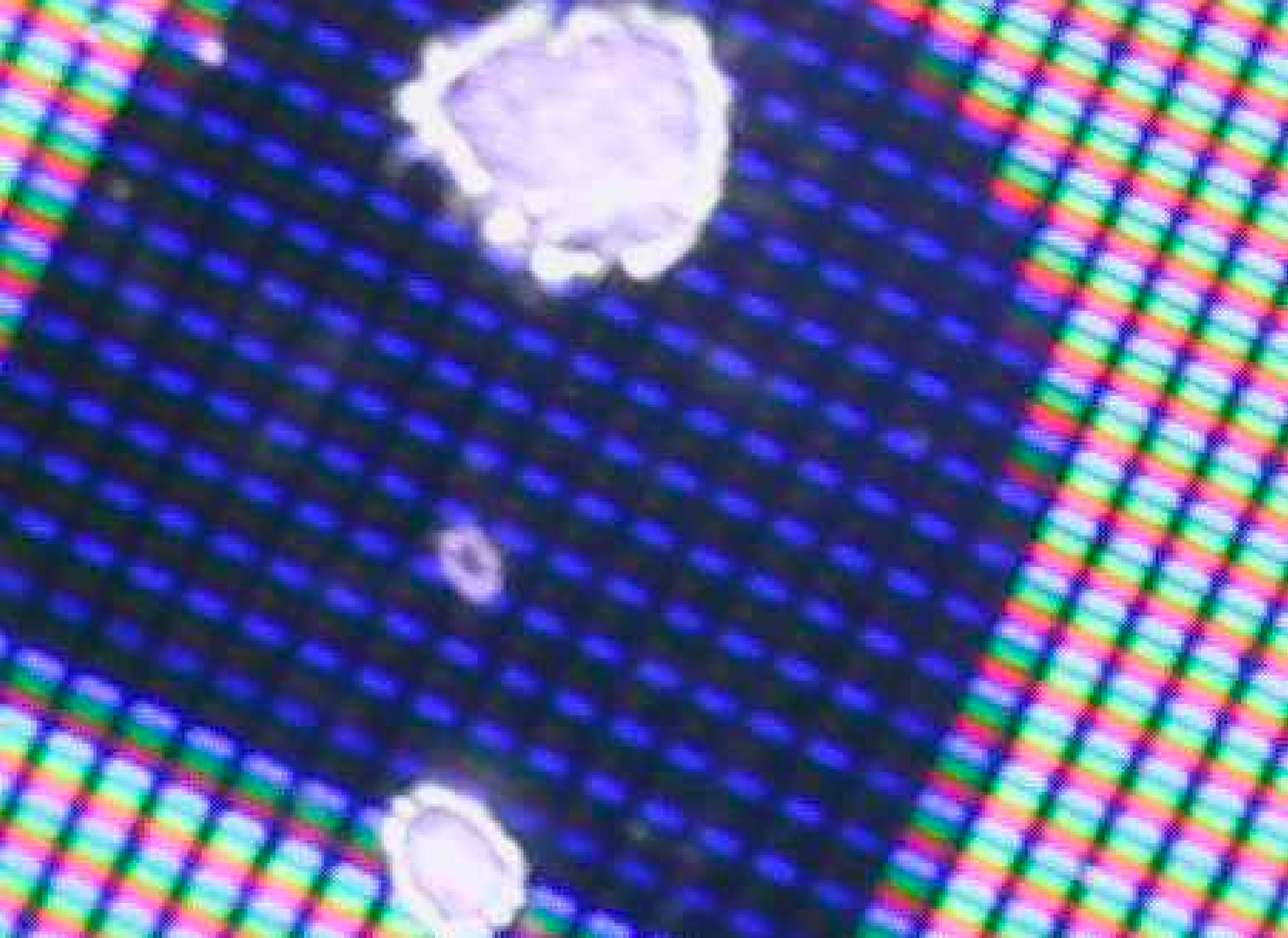
City Everywhere by Liam Young (Lecture Performance) - MUTEK_IMG 2018



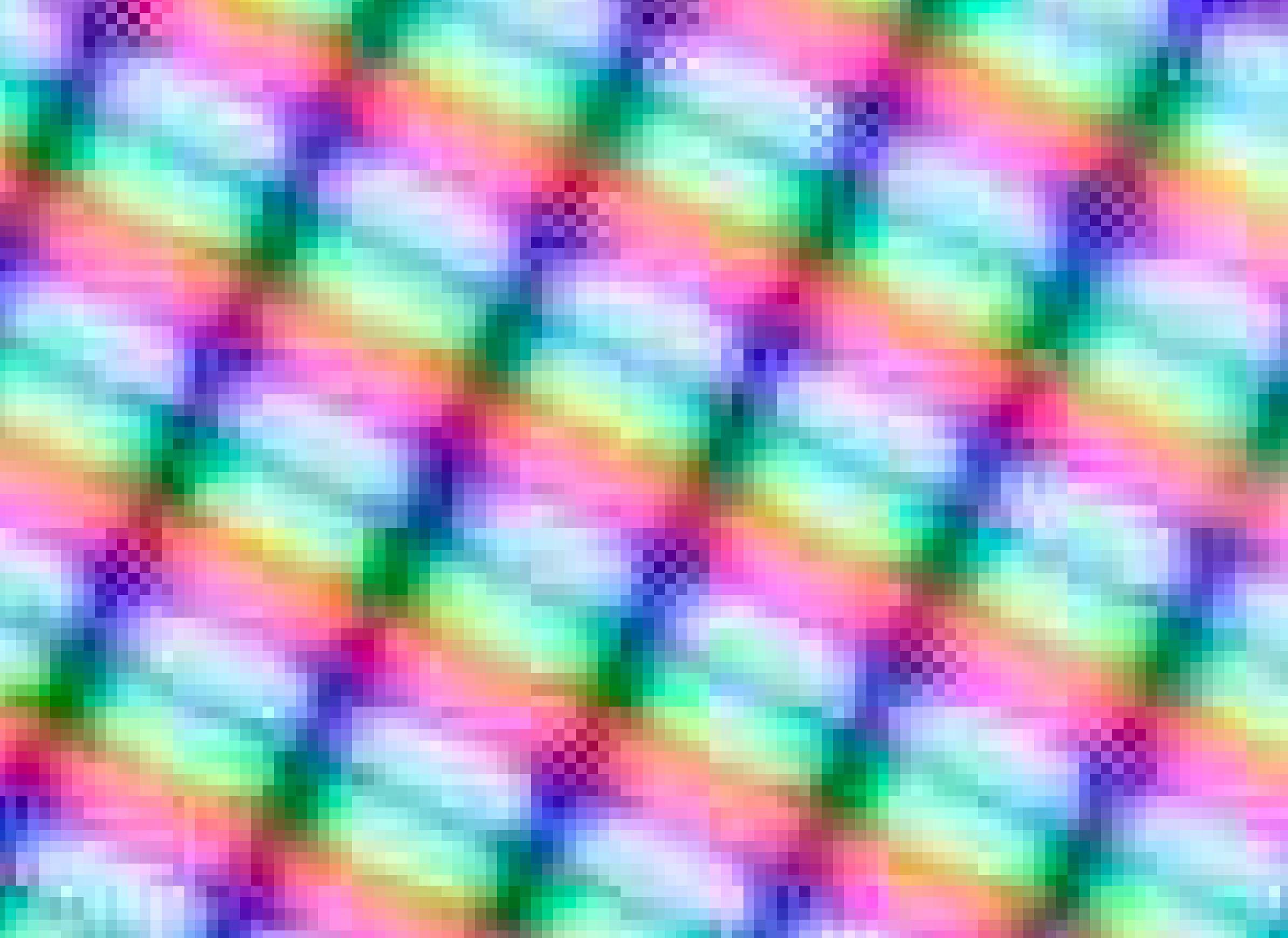
Lithium Mining by Catherine Hyland



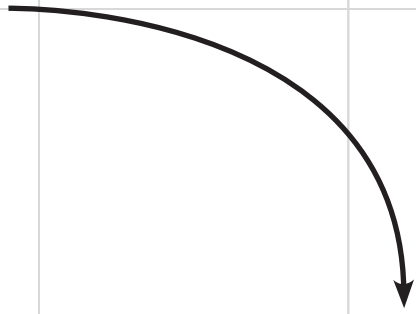








mining



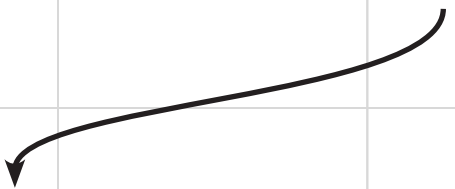
for generating our digital infrastructure



minerals



rare earth minerals - the discovery of the digital media age



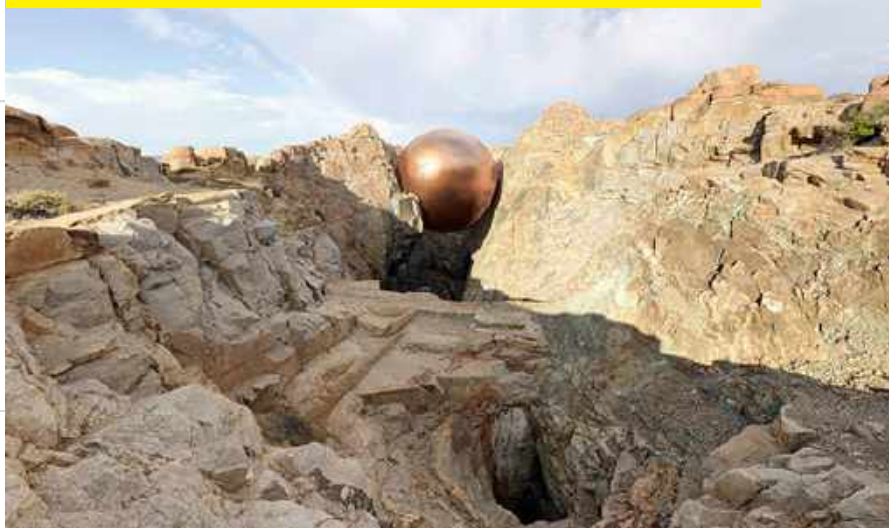
'Humans leave their mark, and the earth carries it forward as an archive.'
-Jussi Parikka



Louise Silfversparre: Technofossils



“Whether they are active or long dormant, mines speak of a combination of sacrifice and gain. Their features are crude, unsightly scars on the landscape - unlikely feats of hard labour and specialised engineering, constructed to extract value from the earth but also extracting a price.”



Dillon Marsh: For What It's Worth

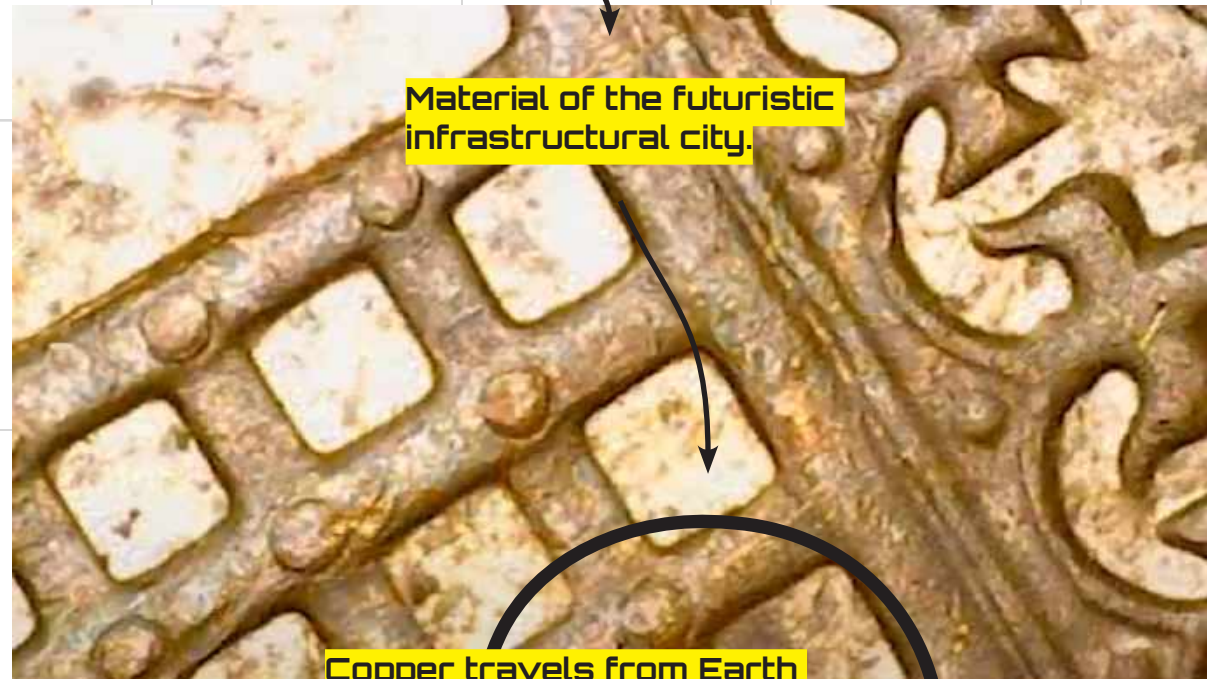


copper



The early stages of electric power distribution in the 1890 caused the demand for copper to skyrocket.

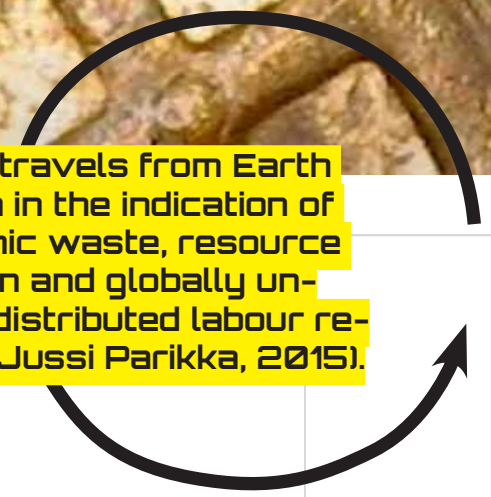
Copper demand grew in World war 2, the post-war manufactory.

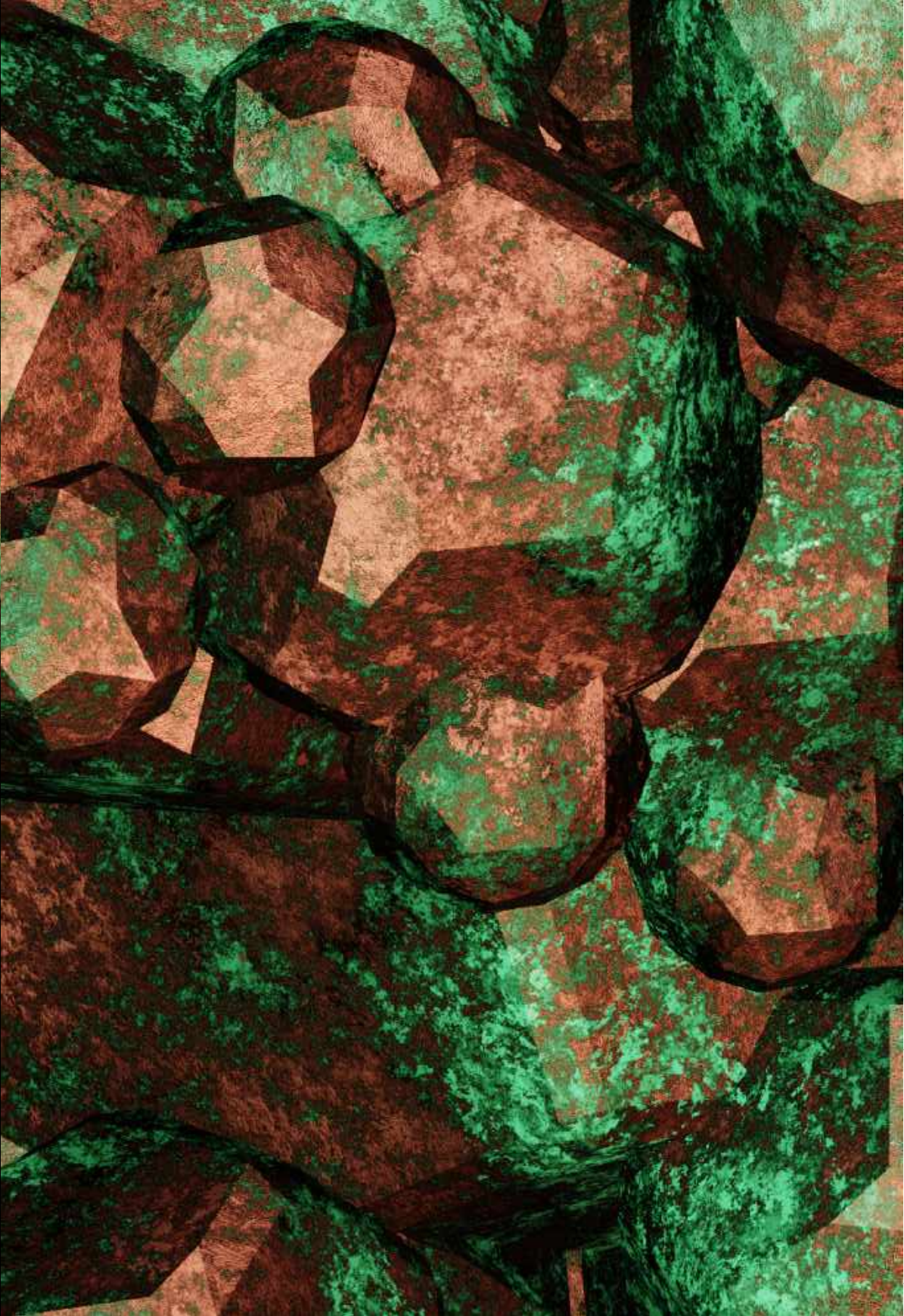
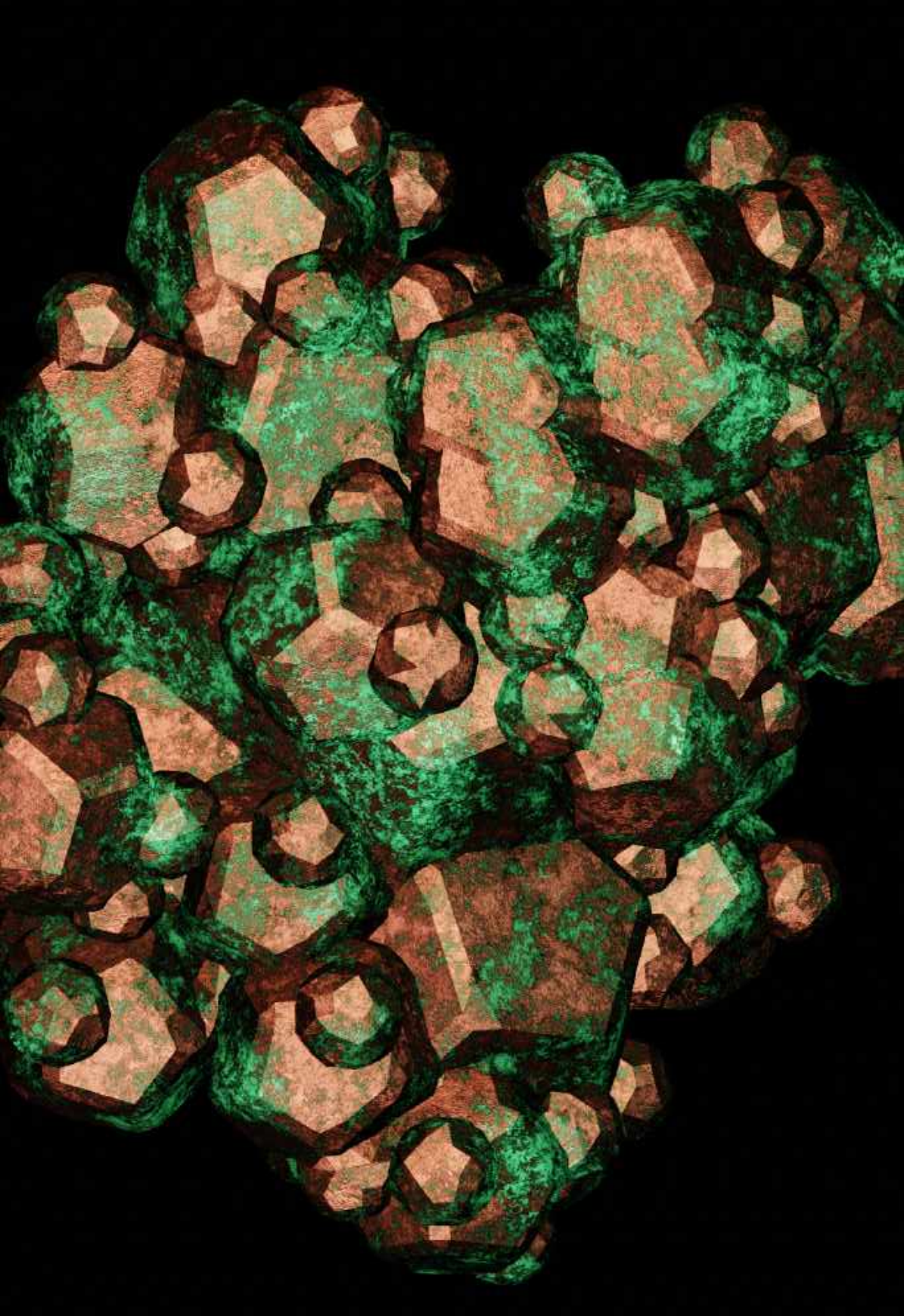


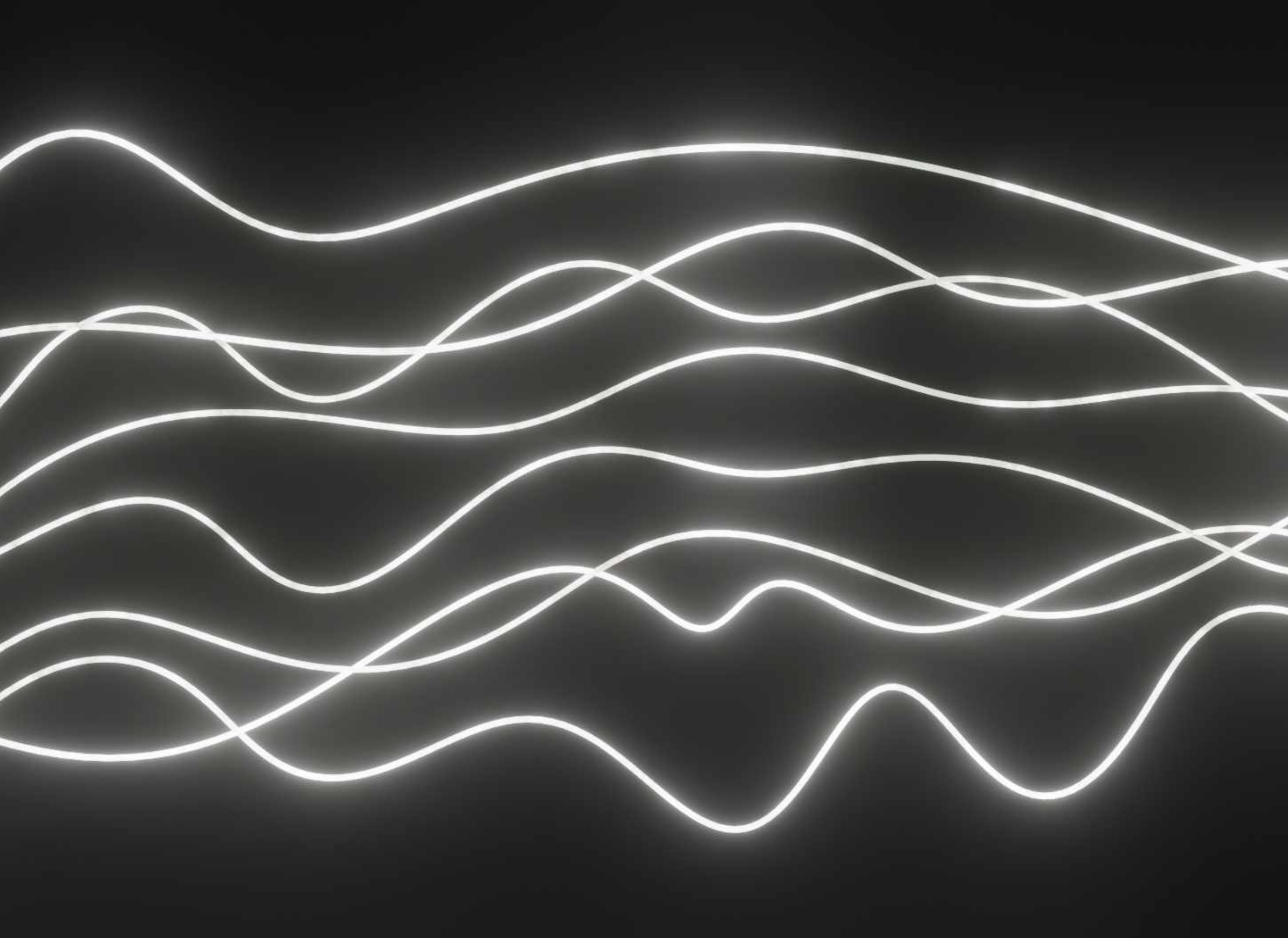
Material of the futuristic infrastructural city.

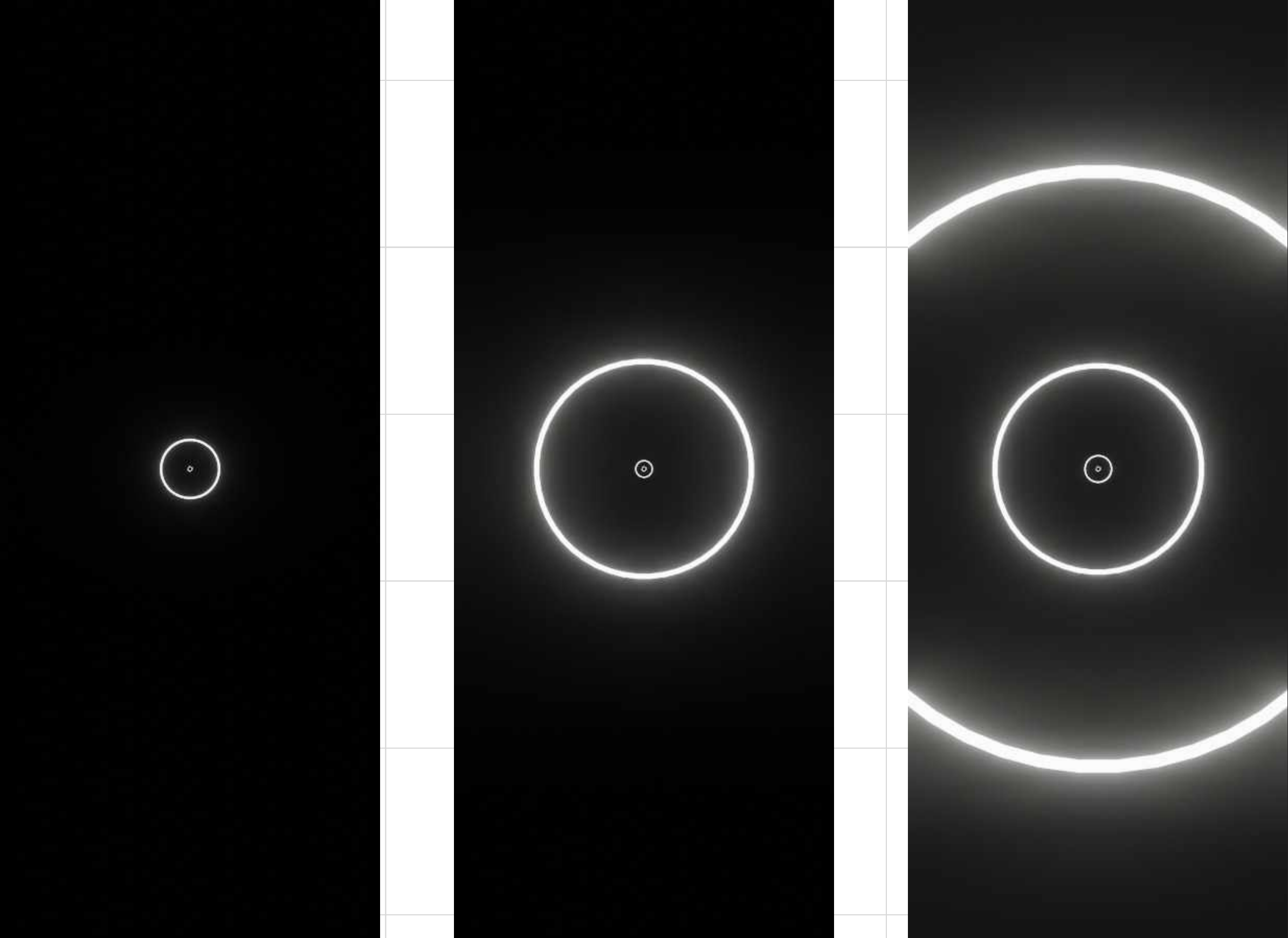
Copper travels from Earth to Earth in the indication of electronic waste, resource depletion and globally unevenly distributed labour relations (Jussi Parikka, 2015).

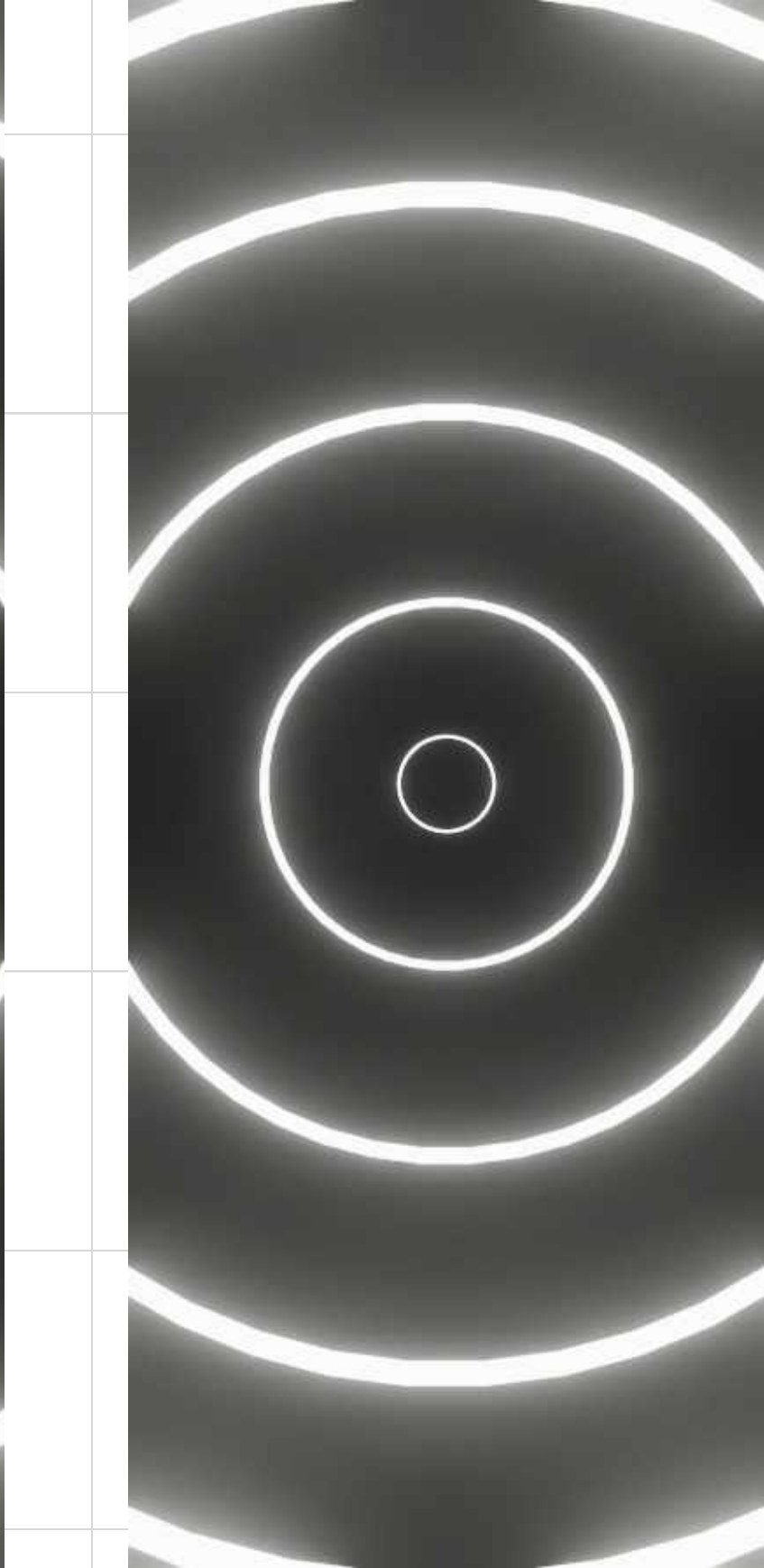
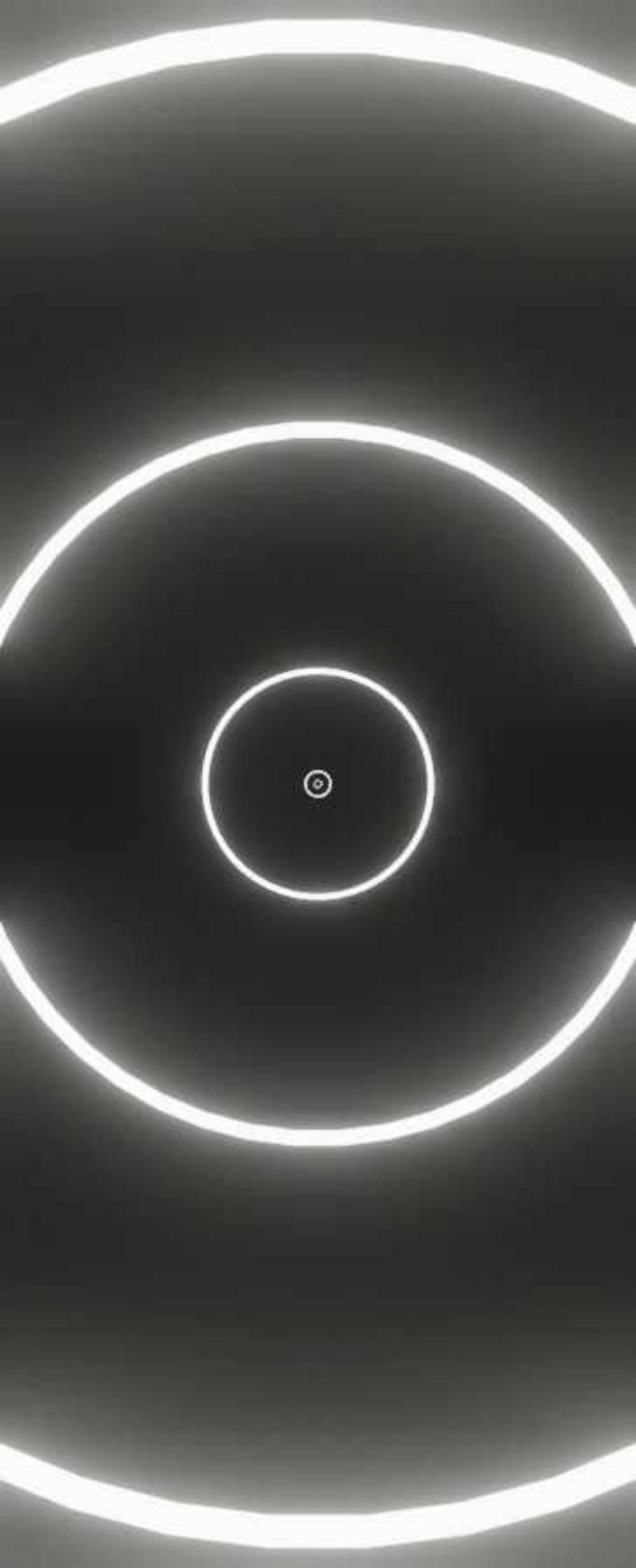
Copper became an essential component of household devices: telephone, refrigerator and the television.



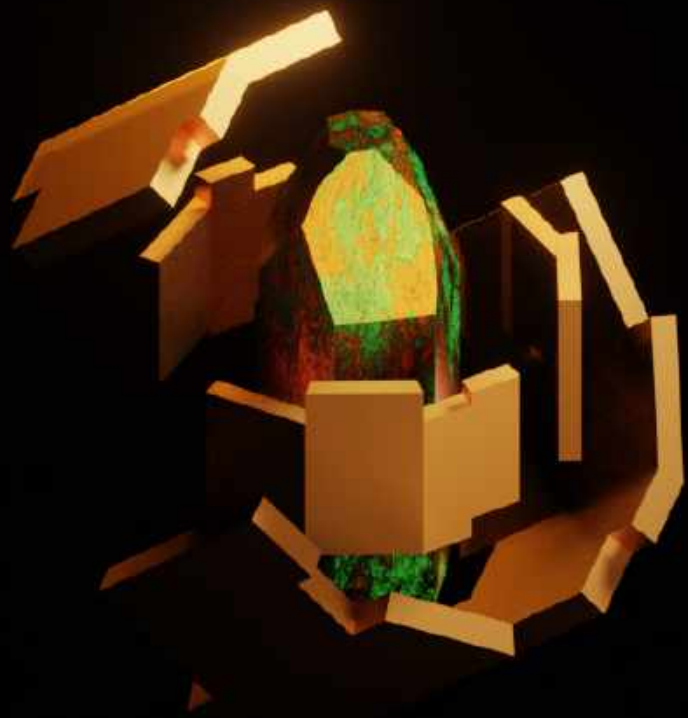


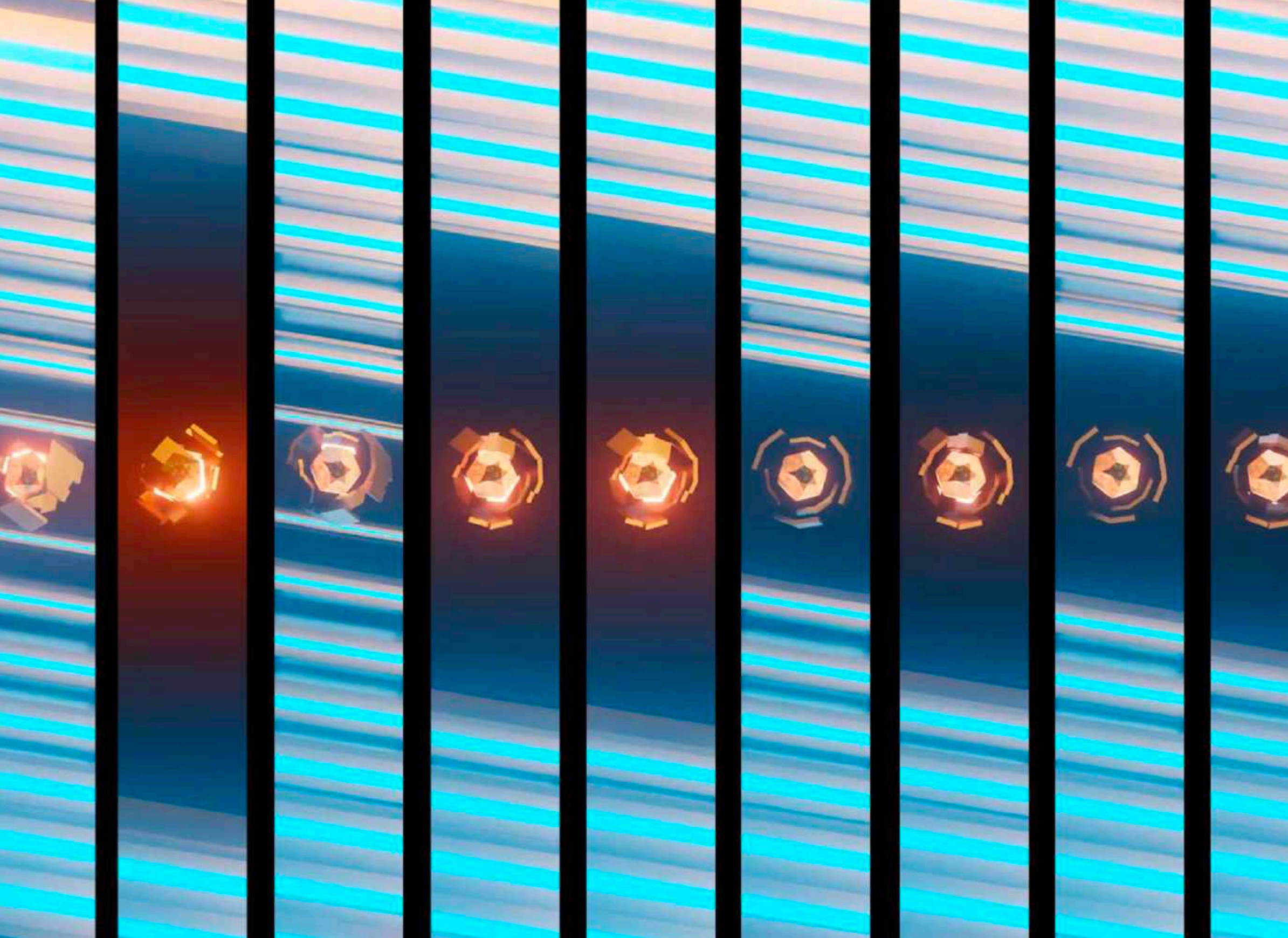


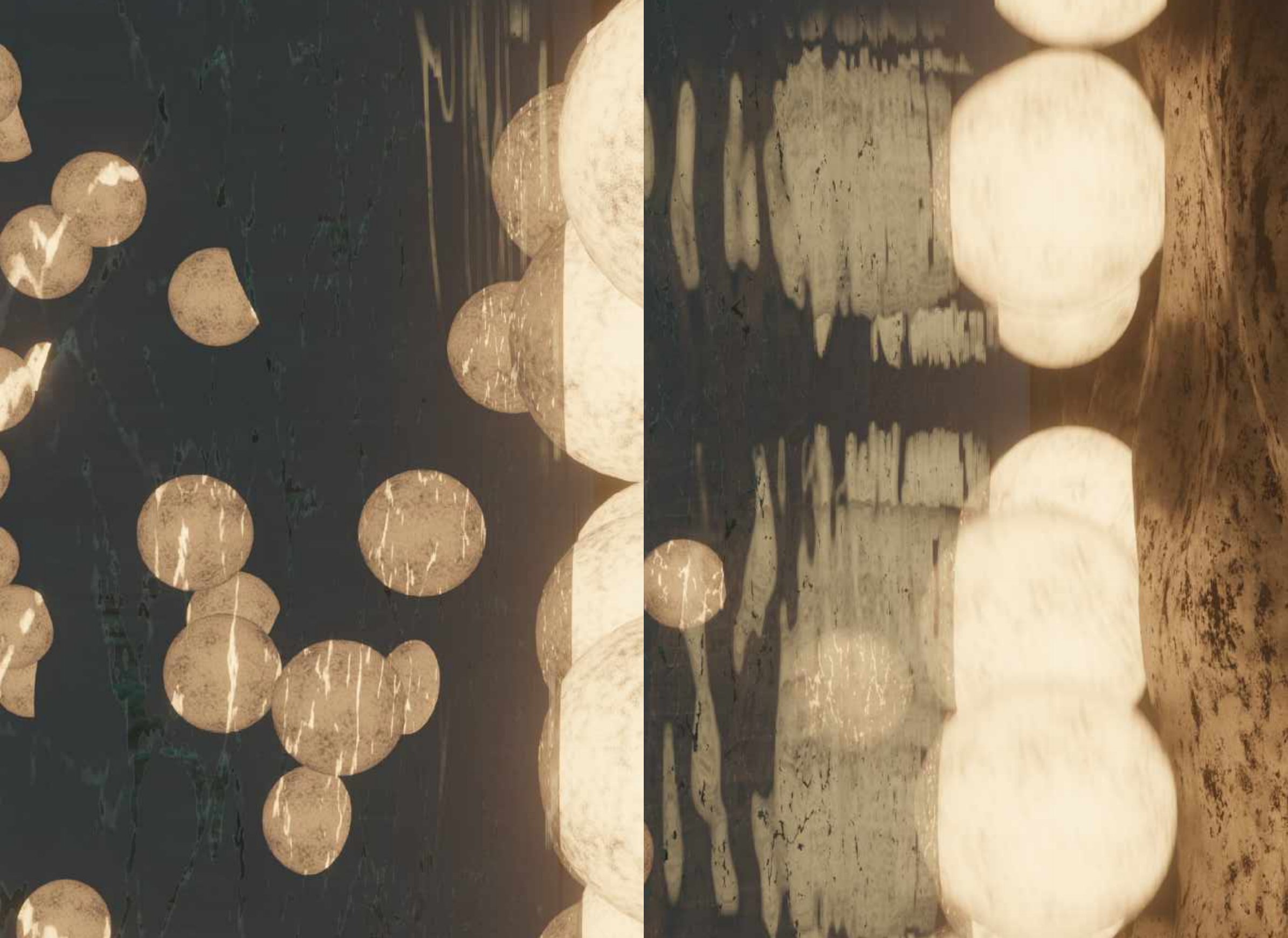






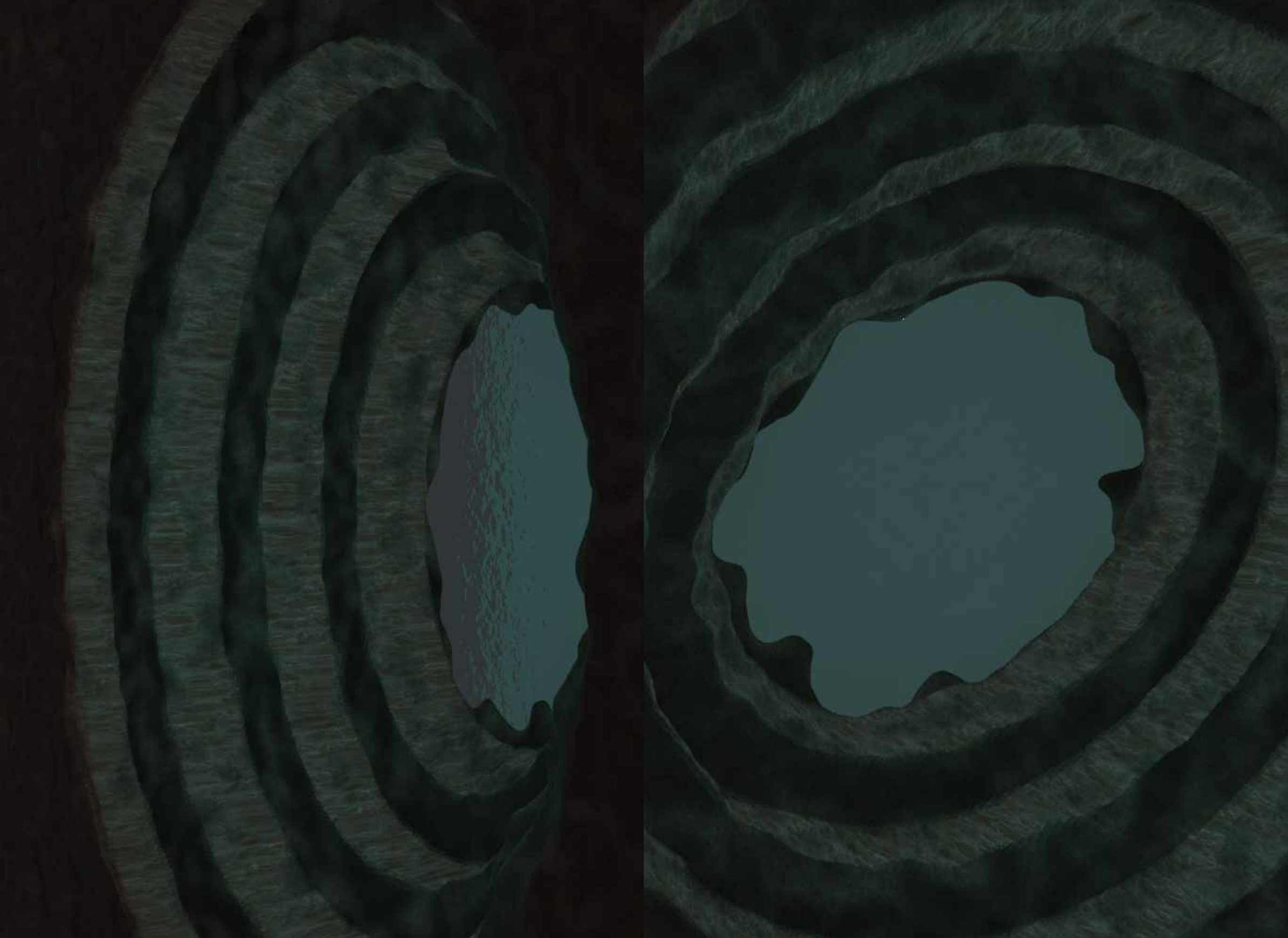








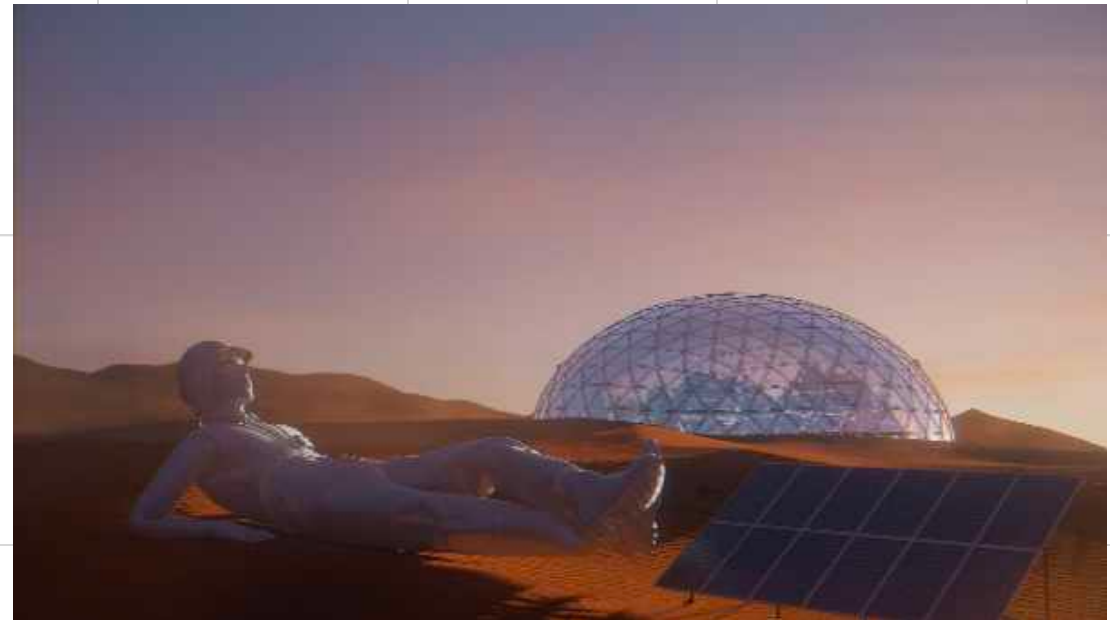
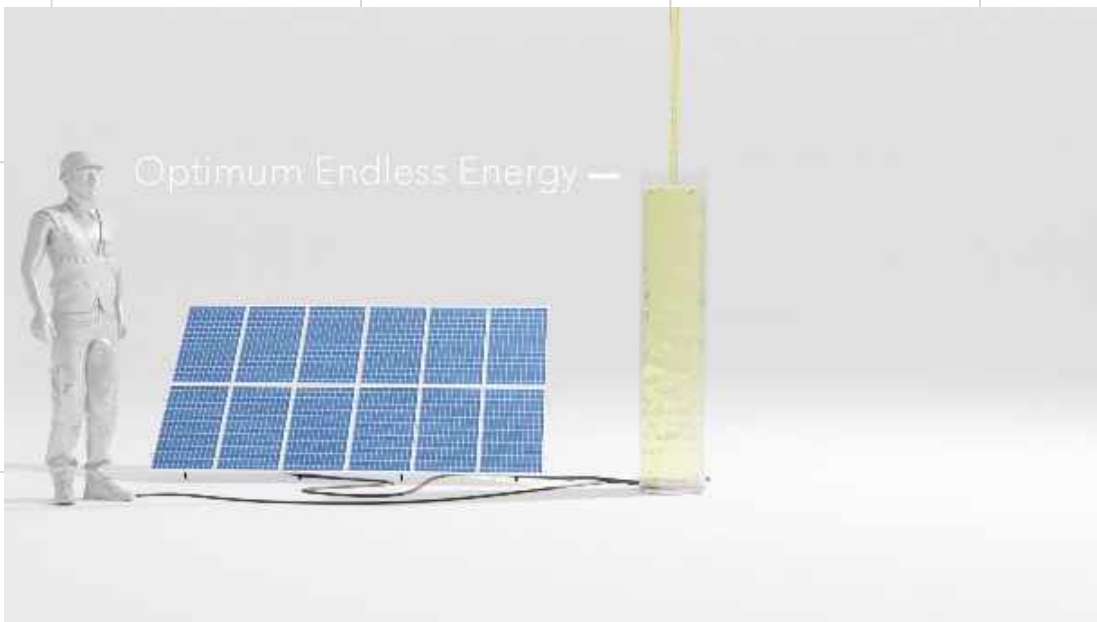








"The future comes in renders, and sustainable smart cities are imagined as highly efficient stomachs. Their guts spread across valleys and mountains. They aim to achieve an alchemist's dream – to create a closed system that turns their waste into gold. Being part of a designed endless metabolic cycle is not so much an invitation but a strict schedule for the biological and environmental clocks of all landscapes and organisms, including yourself, to keep on churning at the desired speed. For the system to be on time, you have to be on its time, or you are deemed a disruption. Yet you still stop your work and dream of your lover, or lie down simply because it feels good, or meet others on the street to witness something other than yourself burn out from exhaustion. The disruption is not a flaw but a necessity to outlive the set paradigms of a future placed on you."



Nadim Choufi: The Sky Oscillates Between Eternity and Its Immediate Consequences





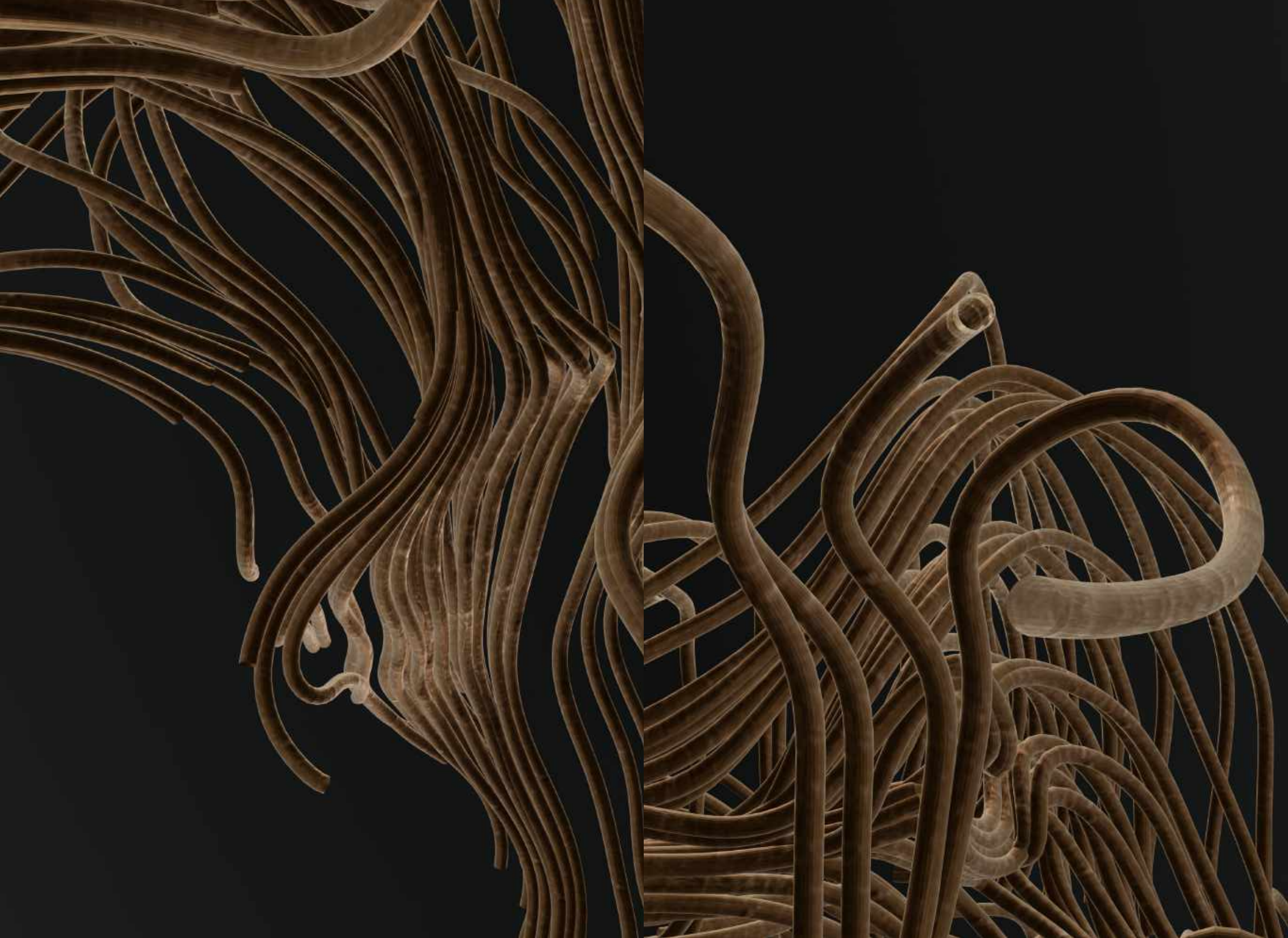










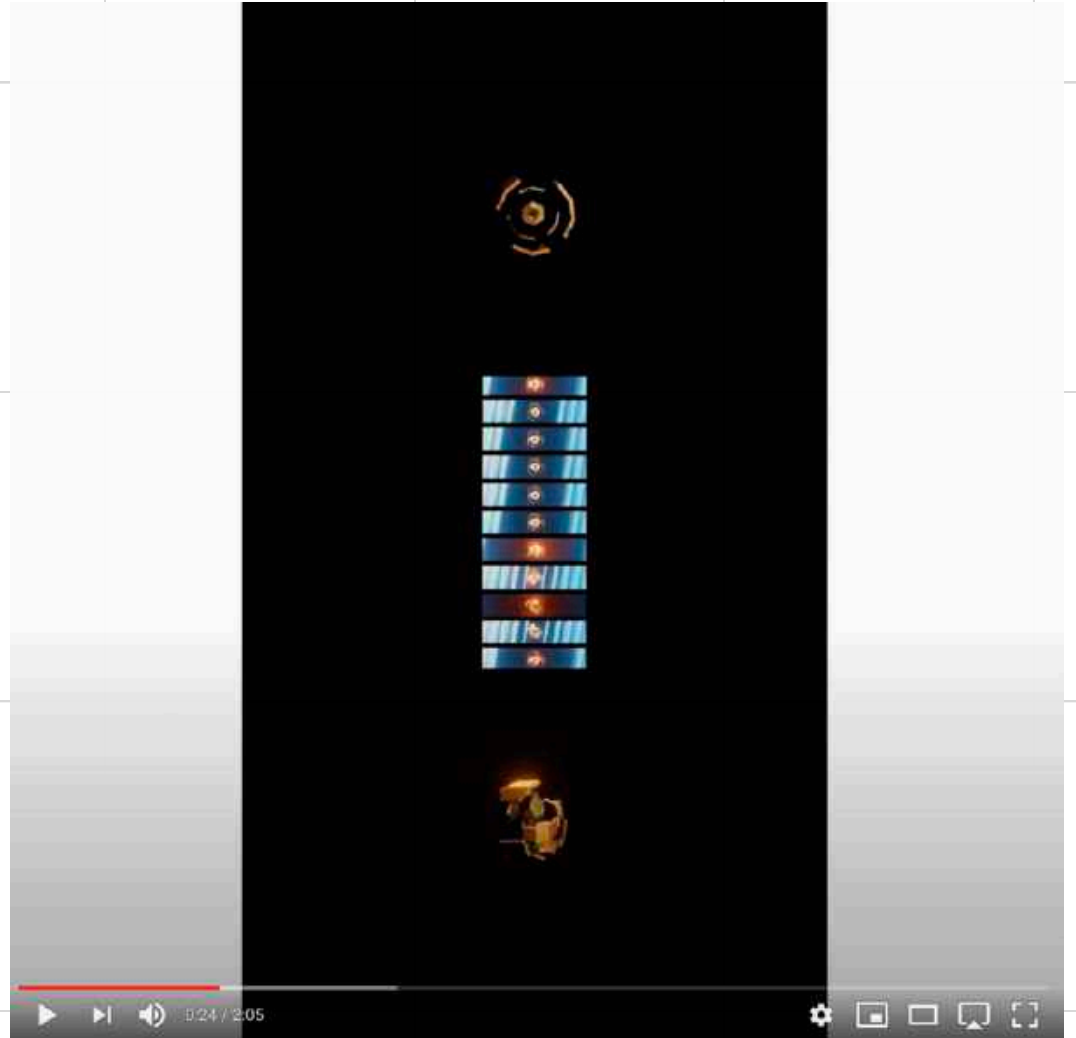
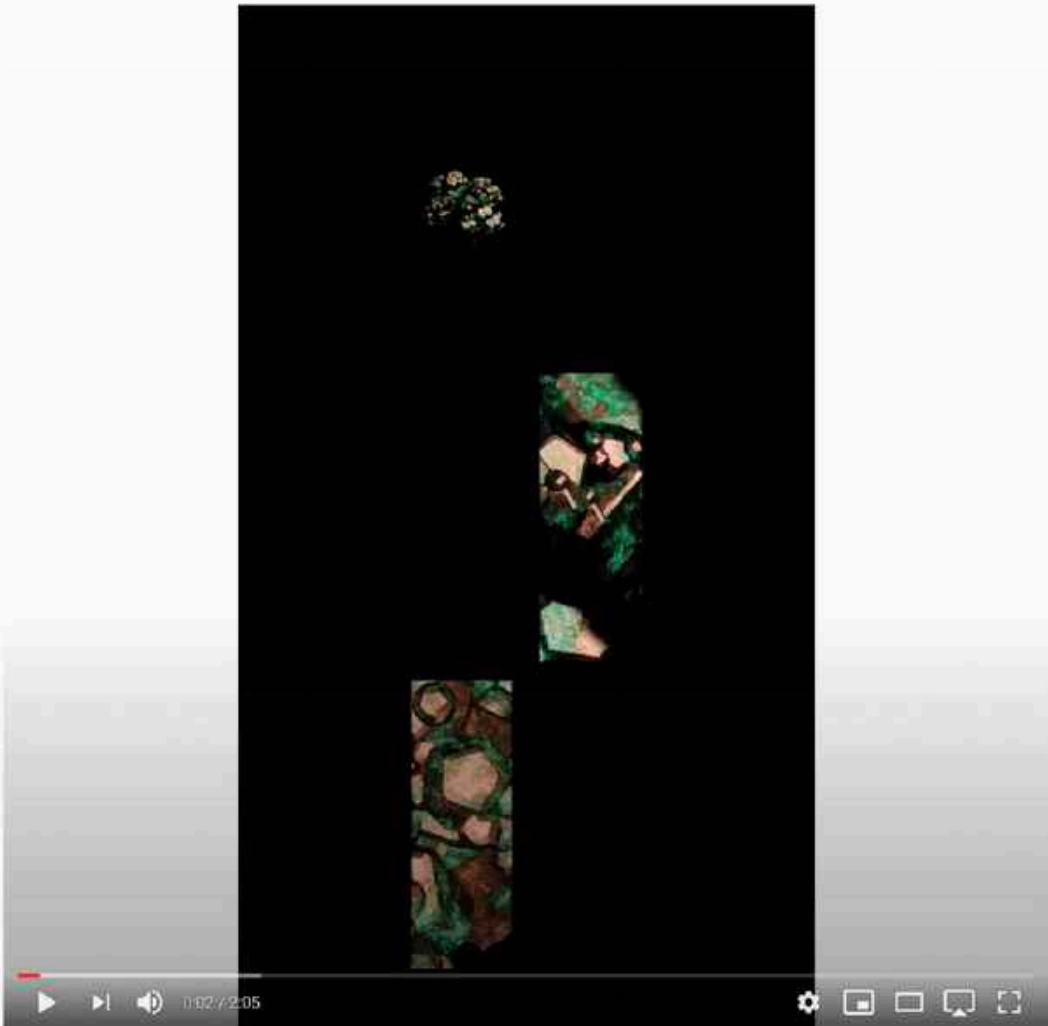






"02:04:12 is an abstract video on how copper travels from Earth to Earth in indication of electronic waste, resource depletion and labour exploitation. The distribution and extraction of copper suggests a dystopian reality, where digital infrastructure becomes a social and environmental failure."





BIRMINGHAM SCHOOL OF ART, 2021
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