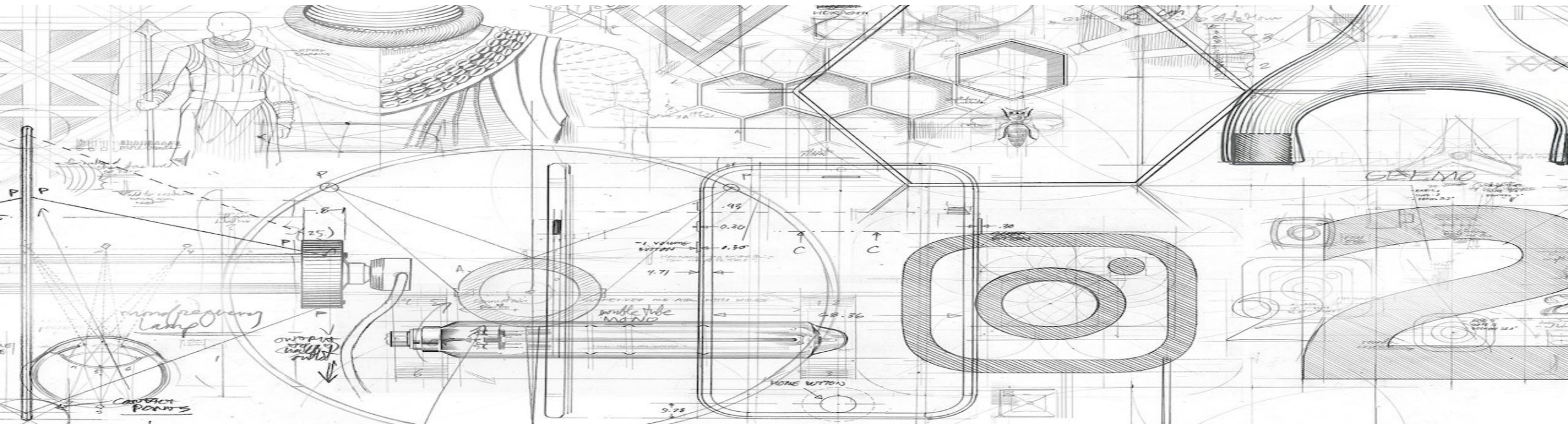


neomaterialismy, problém agency  
a více-než-lidského sociálního jednání

- sociální život věcí, antropologie věcí (Appadurai)
- Alfred Gell, Marcel Mauss (Esej o daru), Simmel, Marx, Kopytoff
- ANT, OON, vibrant matter (Jane Bennet), agential realism (Karen Barad)
- věci, sítě a jednání
- kritika/reflexe neomaterialismu (Lemke)



# klasická materialita/ materiální kultura

- hmota
- hodnota
- ekonomie jako sociální forma je směnou hodnot „exchange is not a by-product of the mutual valuation of objects, but its source“ (Appadurai cituje Simmela)
- věci
- tělo
- hodnota
- umístění v ekonomii
- symbolické struktury ekonomie



# neomaterialismus

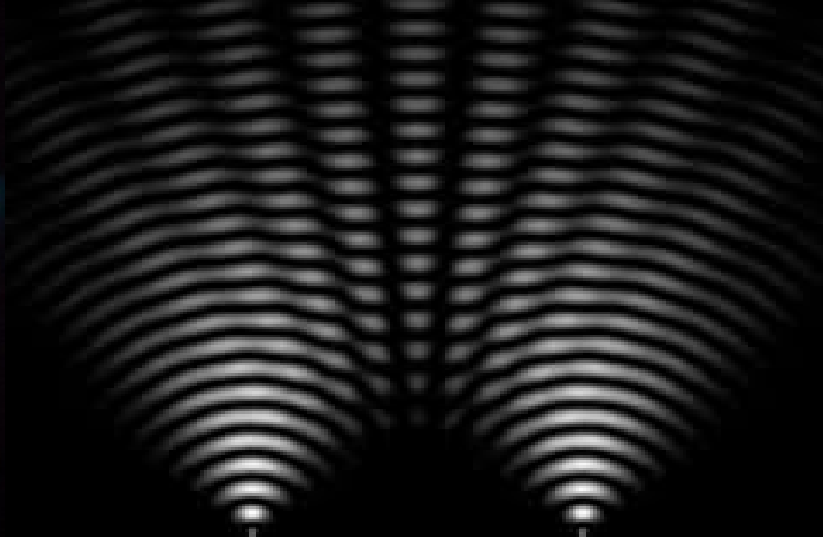
- <https://mitpress.mit.edu/books/neomaterialism>
- matter is energy and energy is information
- waves, roentgen, radio animals ...
- síť a relacionismus
- problém agency



- <https://criticalposthumanism.net/new-materialisms/>
- Karen Barad, Rosi Braidotti, Elizabeth Grosz, Jane Bennett (2010) *New Materialisms: Ontology, Agency, and Politics*, Duke University Press.
- Tsing, Anna Lowenhaupt (2015) *The Mushroom at the End of the World: On the Possibility of Life in Capitalist Ruins*. Princeton: Princeton University Press.
- <https://anthropocenepriemer.org/index.php/new-materialism-posthumanism-and-object-oriented-ontology/>
- <http://lab.cccb.org/en/quantum-agencies/>

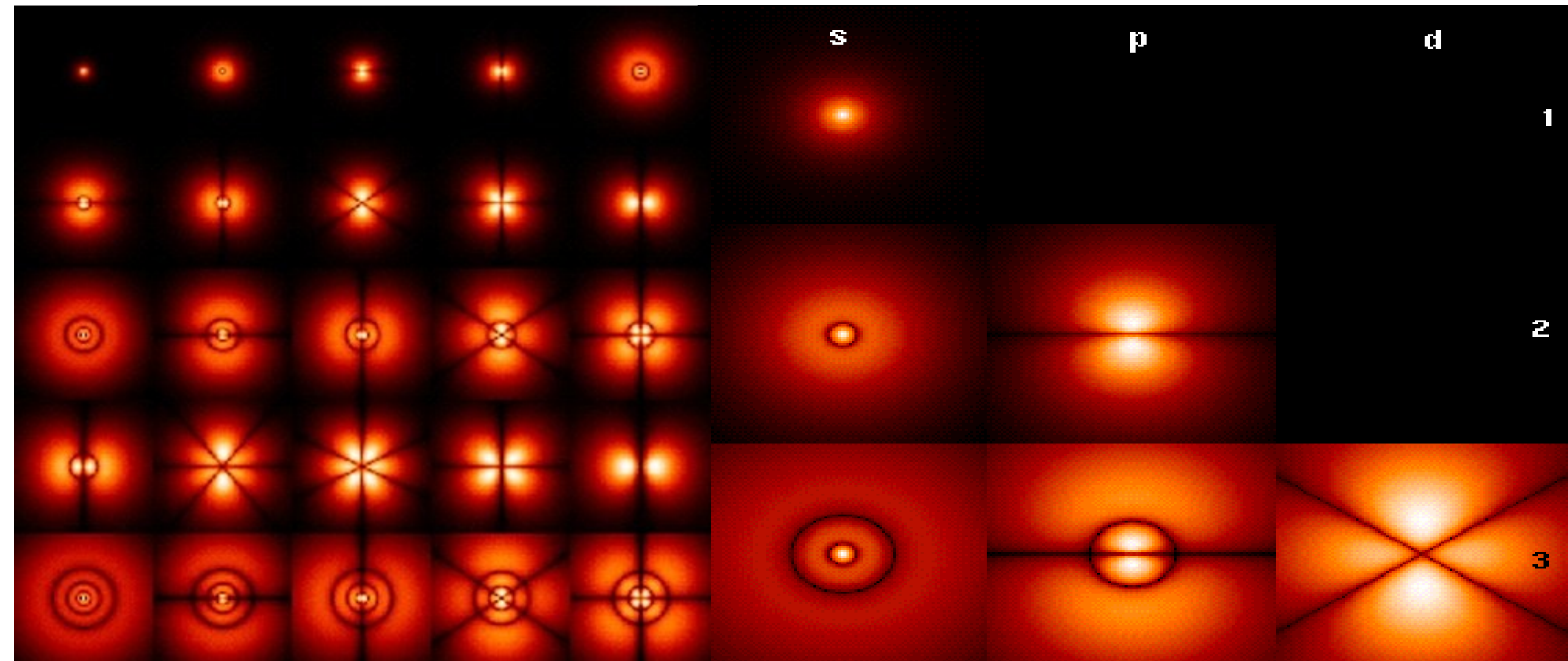


# kvantová mechanika





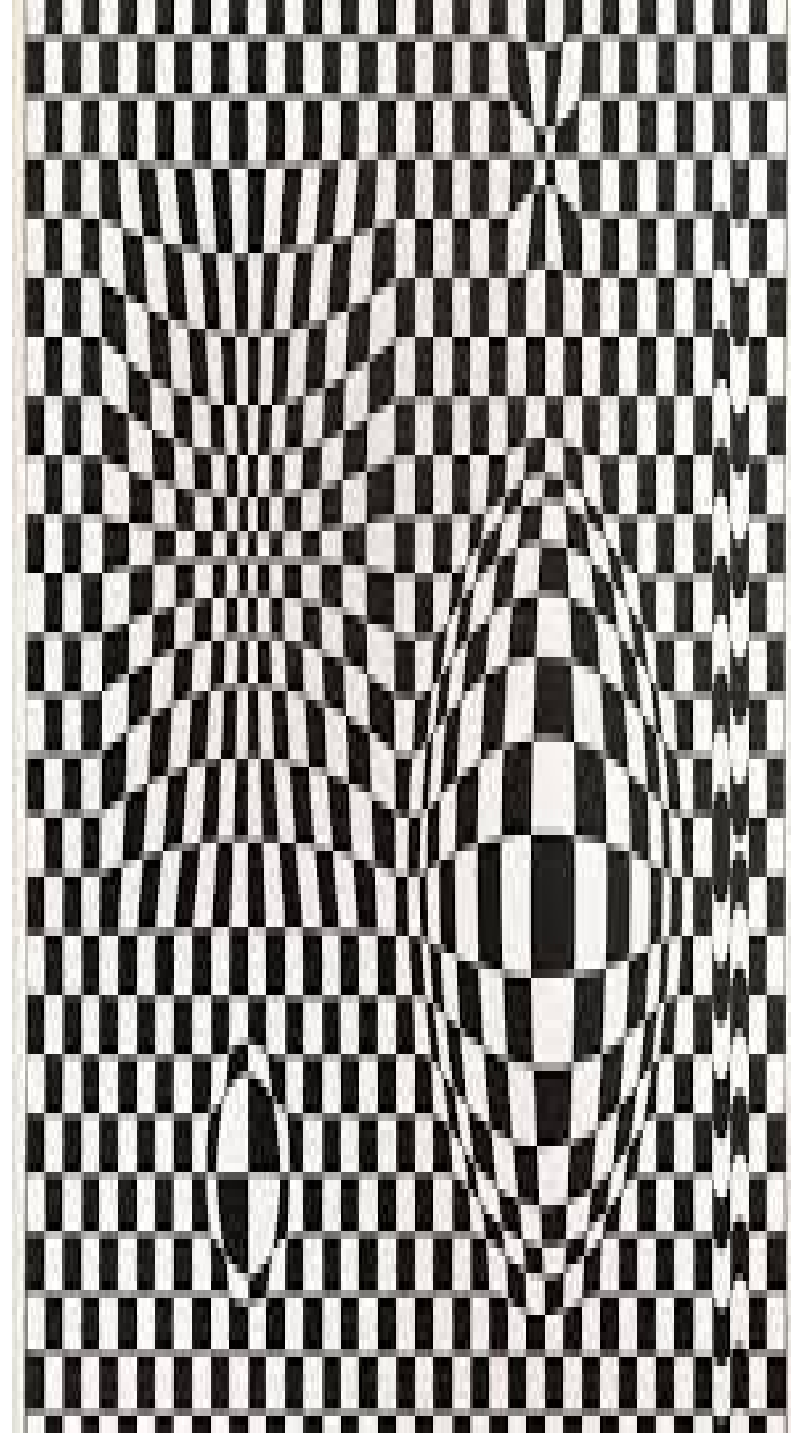
# kvantová mechanika



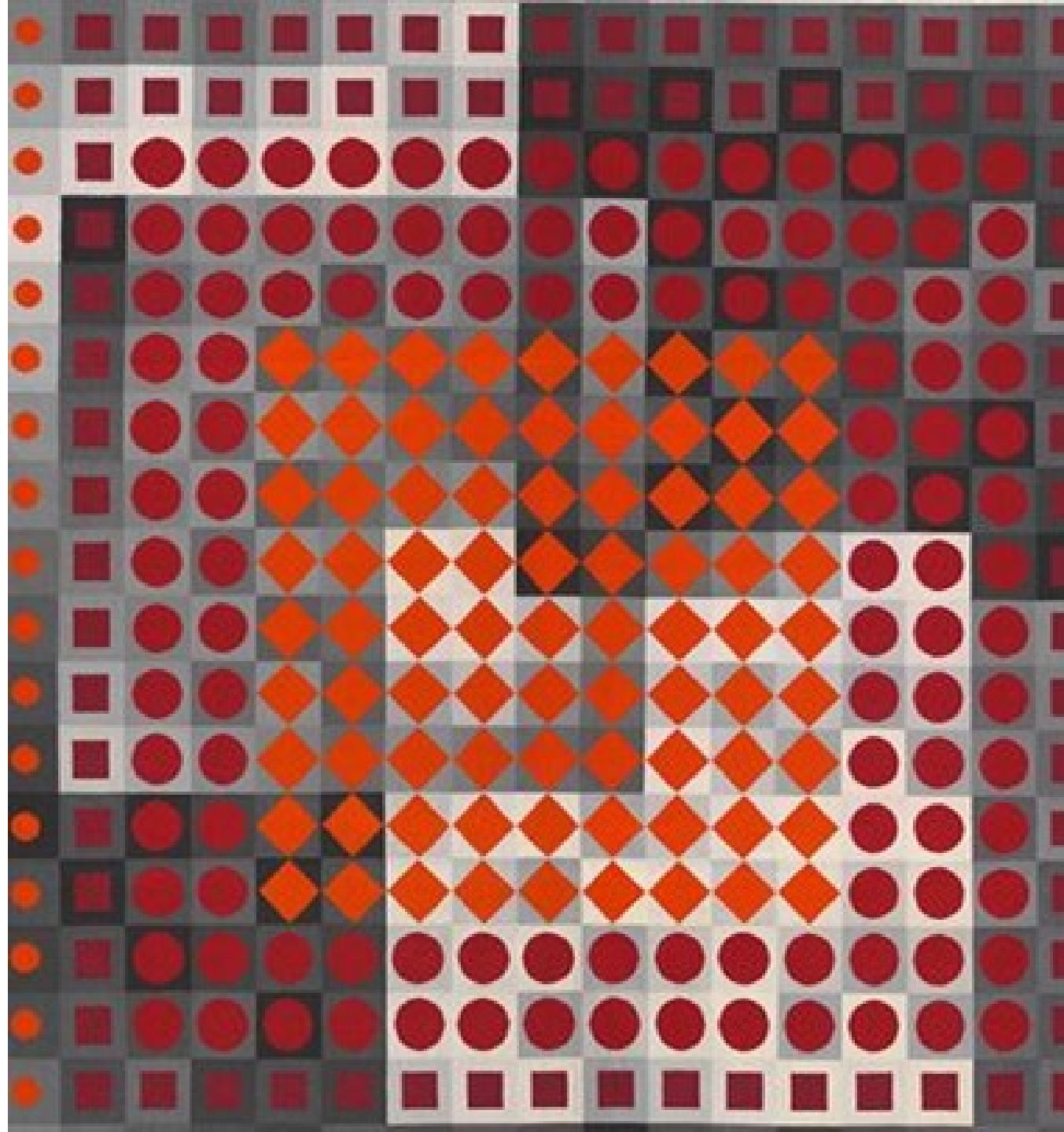


# ANT\_actor network theory

- *Actor-Network Theory* (zkráceně ANT)
- Bruno Latour, Michael Callon, John Law
- nezahrnuje pouze lidi, ale také objekty, věci, organizace, procesy.
- actors, actants (aktéři, činitelé, agenti, elementi, herci)
- překlad, heterogenní síť, symetrie
- materiálně-sémiotická metoda



- LAW, John; HASSARD, John (1999). *Actor Network Theory and After*. [s.l.]: Oxford and Keele: Blackwell and the Sociological Review
- LATOUR, Bruno (2008) *Reassembling the Social: An Introduction to Actor-Network-Theory*. New York: Oxford University Press
- Shapiro, S. (1997). Caught in a web: The implications of ecology for radical symmetry in STS. *Social Epistemology*, 11(1), 97-110. doi:10.1080/02691729708578832



- Esposito R (2015) *Persons and Things: From the Body's Point of View*. Polity Press.
- Rick Dolphijn and Iris van der Tuin, "Interview with Karen Barad", in *New Materialism: Interviews & Cartographies*, ed. By Rick Dolphijn and Iris van der Tuin (Ann Arbor: Open Humanities Press, 2012), pp. 48-70 (p. 48).
- *Material Feminisms*, ed. by Stacy Alaimo and Susan Hekman (Bloomington and Indianapolis: Indiana University Press, 2008), pp. 1-19.
- Rosi Braidotti, *The Posthuman* (Cambridge: Polity Press, 2013).
- Karen Barad, *Meeting the Universe Halfway: Quantum Physics and the Entanglement of Matter and Meaning* (Durham and London: Duke University Press, 2007).
- Jason W. Moore, *Capitalism in the Web of Life: Ecology and the Accumulation of Capital* (New York: Verso, 2015).
- Jane Bennett, *Vibrant Matter: A Political Ecology of Things* (Durham and London: Duke University Press, 2010).
- WHAT IS NEW MATERIALISM?  
<https://www.tandfonline.com/doi/abs/10.1080/0969725X.2019.1684704?journalCode=cang20>
- New Materialism: Interviews & Cartographies  
<https://quod.lib.umich.edu/o/ohp/11515701.0001.001/1:5.2/--new-materialism-interviews-cartographies?rgn=div2;view=fulltext>
- NEW MATERIALISM: AN ONTOLOGY FOR THE ANTHROPOCENE Melinda H. Benson, *Natural Resources Journal*, Vol. 59, No. 2 (Summer 2019), pp. 251-280
- <https://anthropocenepimer.org/index.php/new-materialism-posthumanism-and-object-oriented-ontology/>
- Lorimer (2016) Gut Buddies: Multispecies Studies and the Microbiome. In *Environmental Humanities*, 8(1):57-76. <https://doi.org/10.1215/22011919-3527722>, text here: <https://read.dukeupress.edu/environmental-humanities/article/8/1/57/61693/Gut-BuddiesMultispecies-Studies-and-the-Microbiome>



„We walk on anarchy of vibrations“

Gaston Bachelard

„... that *all* particles are made of the same *substance*: energy“

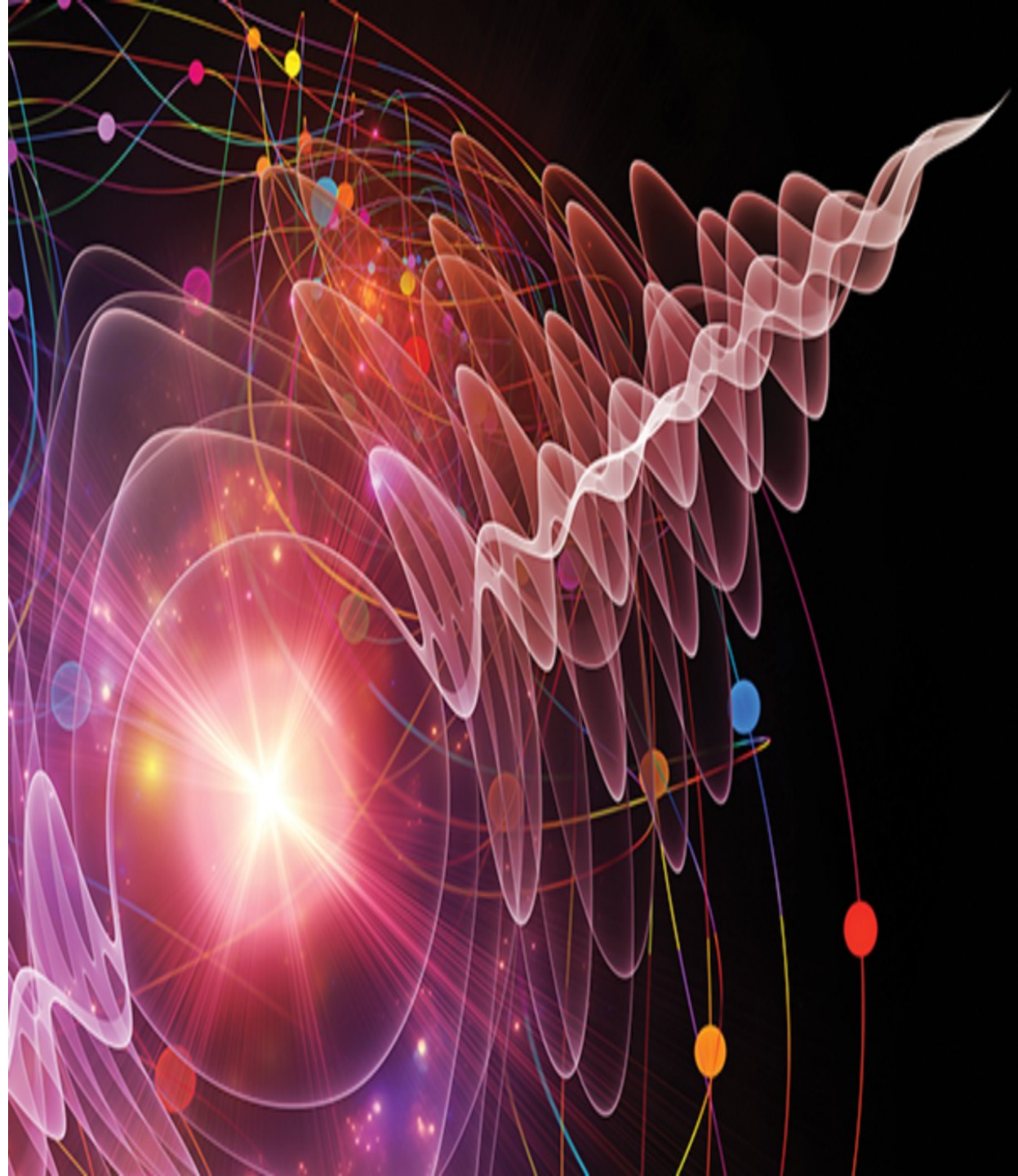
Werner Heisenberg

“Time and space are shaped by matter“

Albert Einstein



kvantová biologie



# kvantová biologie



# agential realism\_ Karen Barad

- is a posthumanist performative ethics that uses the insights of quantum theory to reconceptualize our understandings of subjectivity, agency, causality, and—ultimately—the being of the universe itself.
- role kvantové fyziky (superpozice, pozornost, multičetné reality, otázka: co je to hmota (= informace a energie)
- problém její teorie/kritika - kdo je to „my“, nezohledňuje politiku, moc, hierarchie

# Vibrant Matter\_ A Political Ecology of Things Jane Bennett

- <https://www.werktank.org/projects/28/els-viaene-vibrant-matter>
- <https://helenpailing.com/portfolio/vibrant-matter/>







# Esposito\_ persons and things

Esposito, Roberto. 2012. *Third Person: Politics of Life and Philosophy of the Impersonal*, Zakiya Hanafi (tr.), Polity.

Esposito, Roberto. 2015. *Persons and Things. From the Body's Point of View*. Polity.

- Foucault (Slova a věci)
- vlastnit nebo být vlastněn\_ osoby vs věci (římské právo a definice právní osoby)
- být lidským - být osobou - být věcí

"No other principle is so deeply rooted in our perception and in our moral conscience as the conviction that we are not things - because things are the opposite of persons"  
Esposito, *Persons and Things*

"A thing is a *non-person* and a person is a *non-thing*" (According to this reading, this conceptual framing in Western history since Roman Antiquity has allowed a hierarchal distinction not only between humans and nonhumans but also within the human species and within every single individual. It made it possible to deny rights to nonhuman animals, and also to distinguish various levels of personhood down to the status of animality: the line of subordination and exclusion goes from slaves in Roman antiquity to the denomination of Jews as "anti-persons" in Nazi Germany" TL)

"Not only it is impossible to classify the body as a person or a thing, the perpetually new challenges that the human body poses to the law show that it is in urgent need of a new formulation." Esposito, *Persons and Things*

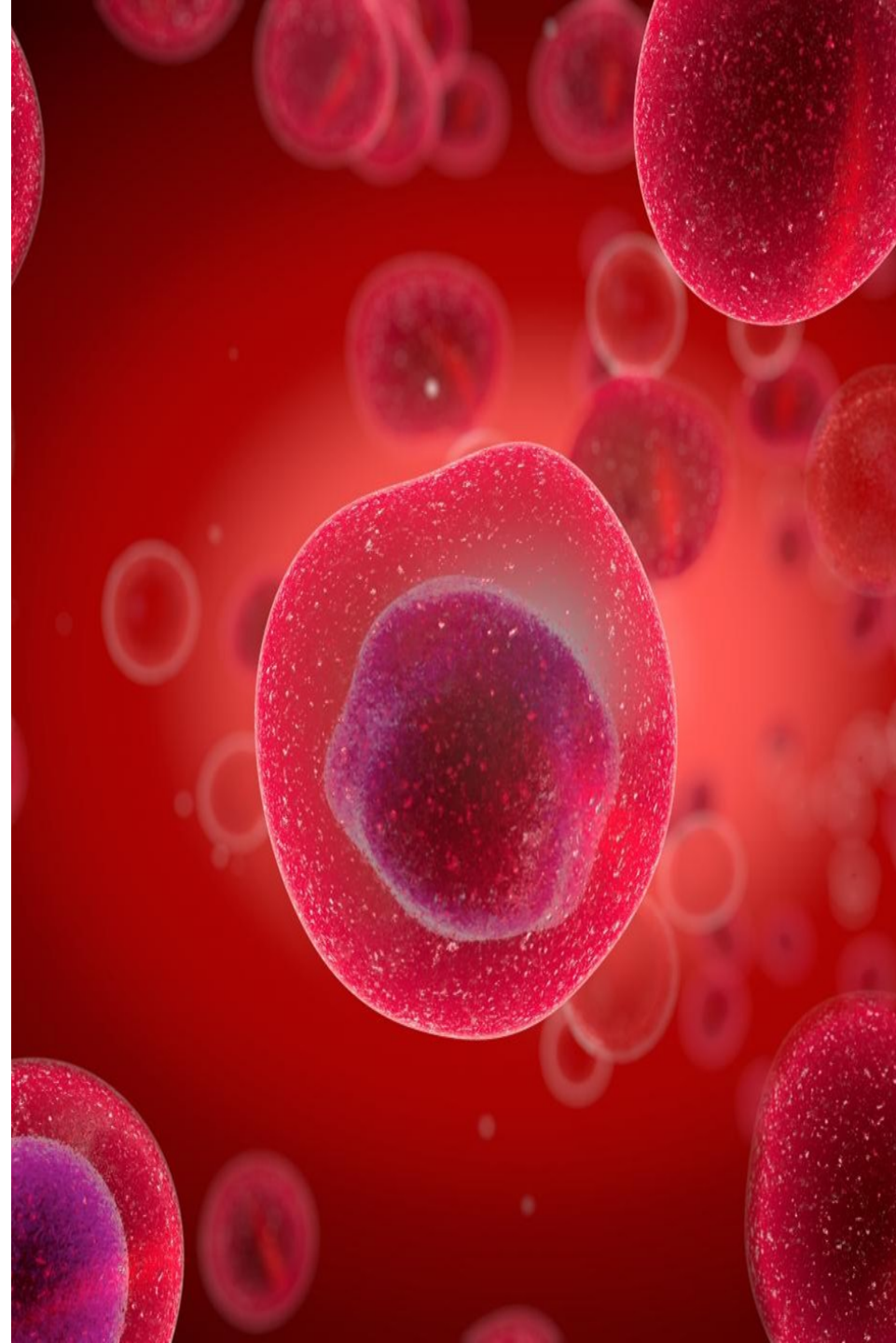
- \_person : from Anglo-Norman parsonne, persoun et al. (Old French persone ("human being"), French personne), and its source Latin persōna ("mask used by actor; role, part, character"), perhaps a loanword; compare Etruscan (persu, "mask"). Displaced native wight (from Old English wiht ("person, human being")). Doublet of par son. Cognate with Proto-Germanic \*fur, \*fura, \*furi ("before"), Proto-Indo-European \*per-, \*pero- ("forward, beyond, around"), and Proto-Indo-European \*suHnús ("son"), from Proto-Indo-European \*sewH- ("to bear; give birth").
- *(human) being, mask & role, beyond-to give birth, cognate-son (kinship echoes) ... and ... legal person (legal personification and reification)*
- Strathern, M. 1999. *Property Substance and Effect: Anthropological Essays on Persons and Things*. London: Athlone Press.
- „Personhood beyond the individual ... how people emerge from an ongoing field of social relations involving humans, animals, things and places?” (Fowler 2004:3)
- “... the category of person appears to be the only one that can unite human beings and citizens, body and soul, law and life.” (Esposito 2012:4)

“With the advent of biotechnology patents, biomedical interventions, transgenic crops, and new environmental sensitivities, the distinction between persons and things has become a focus of general social anxiety. In each of these technological areas, persons become indistinguishable from things: gene sequences are at once part of the genetic programme of the person and chemical templates from which drugs are manufactured; embryos are related to their parents by means of the commodifying forms of contract and property, and yet they are *also* persons; depending on the uses to which they are put, the cells of embryos produced by *in vitro* fertilisation might be seen as having either the ‘natural’ developmental potential of the human person or the technical ‘pluripotentiality’ that makes them such a valuable resource for research into gene therapies. In each of these cases, the categorisation of an entity as a person or a thing is dependent upon a contingent distinction rather than an embedded division”

(Pottage 2010: 4-5)

bio-objects involved  
life-like entities  
liminality

- embryo-like entities
- lifelike entities
- immortal cell lines
- genetic tools/genes as tools
- edited germ lines
- bio-informatic life models
- human entities with embryo-like features (SHEEFs)
- embryo like bodies
- living things
- pre-embryo
- soubuní
- věc
- materiál



# místo governmentality k environmentality

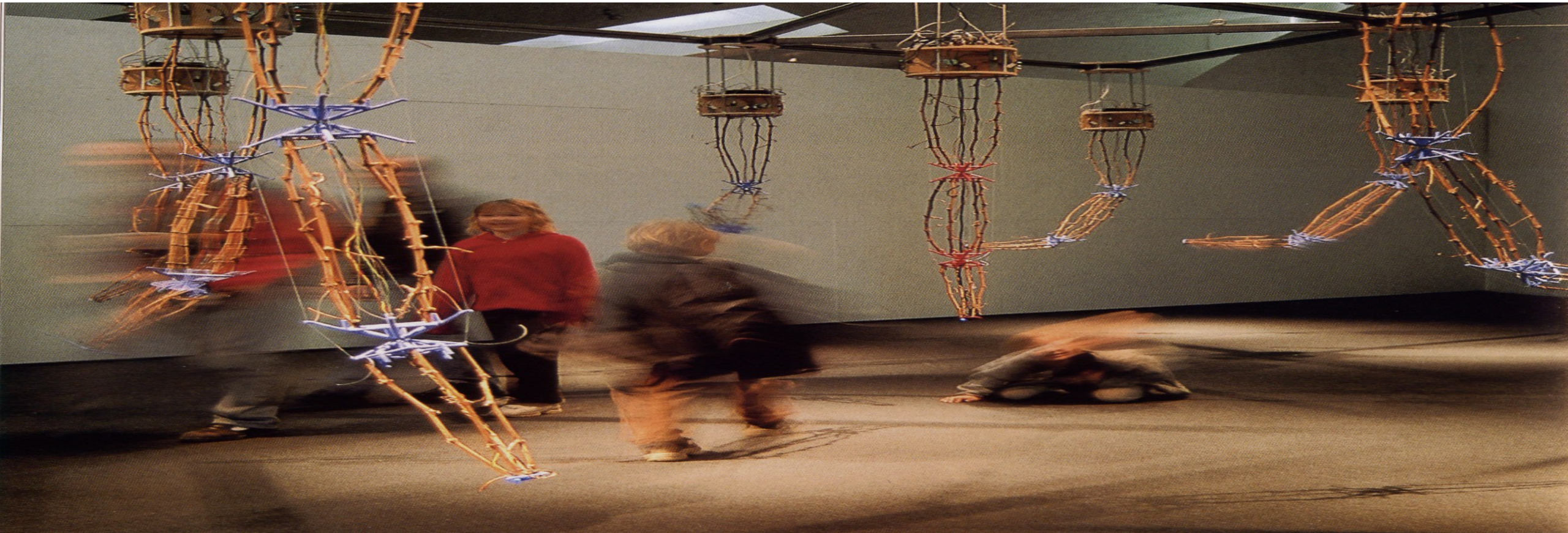
- Environmentality („first, the rise of a form of resilient biopolitics and a neocybernetic regime of control, and secondly the emergence of a new set of practices linked to “probiotic ecologies” and vital systems security.” TL)
- „Current neoliberal forms of government do not target directly the individual or collective body but rather focus on the social, ecological and technological conditions of life as a privileged field of intervention.” (TL)
- „ The environment is no longer conceived of as a natural surrounding but becomes itself a technological project.” (TL)

# ken rinaldo\_ projects

- <https://www.kenrinaldo.com/projects/>
- 3-story robots\_ <https://www.kenrinaldo.com/portfolio/3-story-robots/>
- The Parlaiment of Robots\_ <https://www.kenrinaldo.com/portfolio/c-borg/>
- Mirror Masks\_ <https://www.kenrinaldo.com/portfolio/mirror-masks-columbus-2014/>
- Electroasis\_ <https://www.kenrinaldo.com/portfolio/electroasis/>
- Autopoiesis\_ <https://www.kenrinaldo.com/portfolio/autopoiesis/>

# ken rinaldo autopoiesis

- <https://www.youtube.com/watch?v=S0Ts-LD2bc4>





„koronavirus ovlivňuje, zavírá školy, plní nemocnice“  
koronavirus jedná (more than human  
agency)

- „Coronavirus is beginning to bite“ (Expats in Germany)
- <https://www.vexels.com/vectors/preview/193496/coronavirus-illustrated-background-design>
- „Here's what coronavirus does to the body“  
(<https://www.nationalgeographic.com/science/2020/02/here-is-what-coronavirus-does-to-the-body/>)
- Co všechno koronavirus způsobuje, zapříčiňuje, problematizuje, ovlivňuje, nese, umožňuje, ničí, tvoří ..

věci

materialita koronaviru

ekologie koronaviru

- roušky
  - ochranné pomůcky
  - ventilátory
  - léky
  - data
  - databáze
  - virus
- 
- Ne už jednotlivé oddělené věci/nehybné a pasivní objekty, ale sítě, procesy, vlny, ekologie, ekosystémy,