

# FEAT HPC

Špela Petrič  
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# FEAT

“... to develop innovative artworks through deep engagements with FET projects ... new artworks that critically reflect on FET project research ...”

**to contribute a subjective perspective on FET**

rethinking the emerging technology, exposing it to methodological subjectivity and configuring its position in the context of humanities and artistic relevance

# FEAT HPC

## **FET/INTERTWINE**

Amsterdam, Vienna, Edinburgh

## **FET/ESCAPE**

ECMWF, Reading

## **FET/EXDCI**

IRISA, Rennes  
BSC, Barcelona

# FEAT HPC

## **ART RESEARCH**

Simulation as scientific method / Emerging applications / Consensus  
between science, politics, industry, ecology / Value of information&data  
/ Perception of emerging future / Social&Public impact

## **MUTUAL UNDERSTANDING**

Science - Philosophy - Art / Critical perspectives  
/ Overcoming popular misconception

## **MUTUAL OUTPUT**

Beyond personal artistic subjectivity and limitations of science

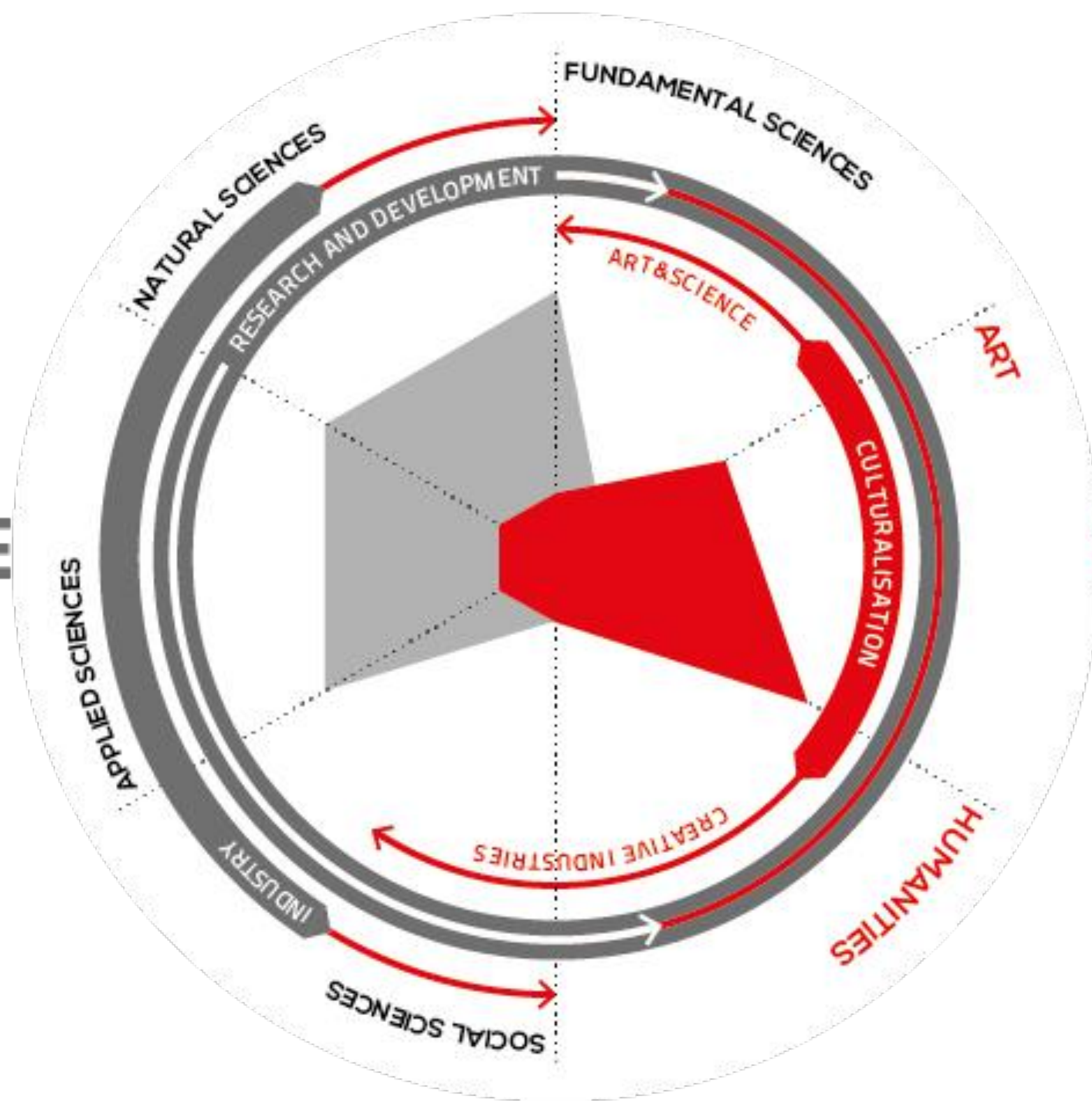
# ŠPELA PETRIČ & MIHA TURŠIČ

a-life / artistic entities / bioart / biomedica  
/ cosmification of art / human / inter-cognition  
/ non-human / non-representational / plants  
/ post-human / postgravity art / phytoterratology  
/ science culturalisation / space culturalisation  
/ subjectivity / terrabiology / xenofeminism





SPACE

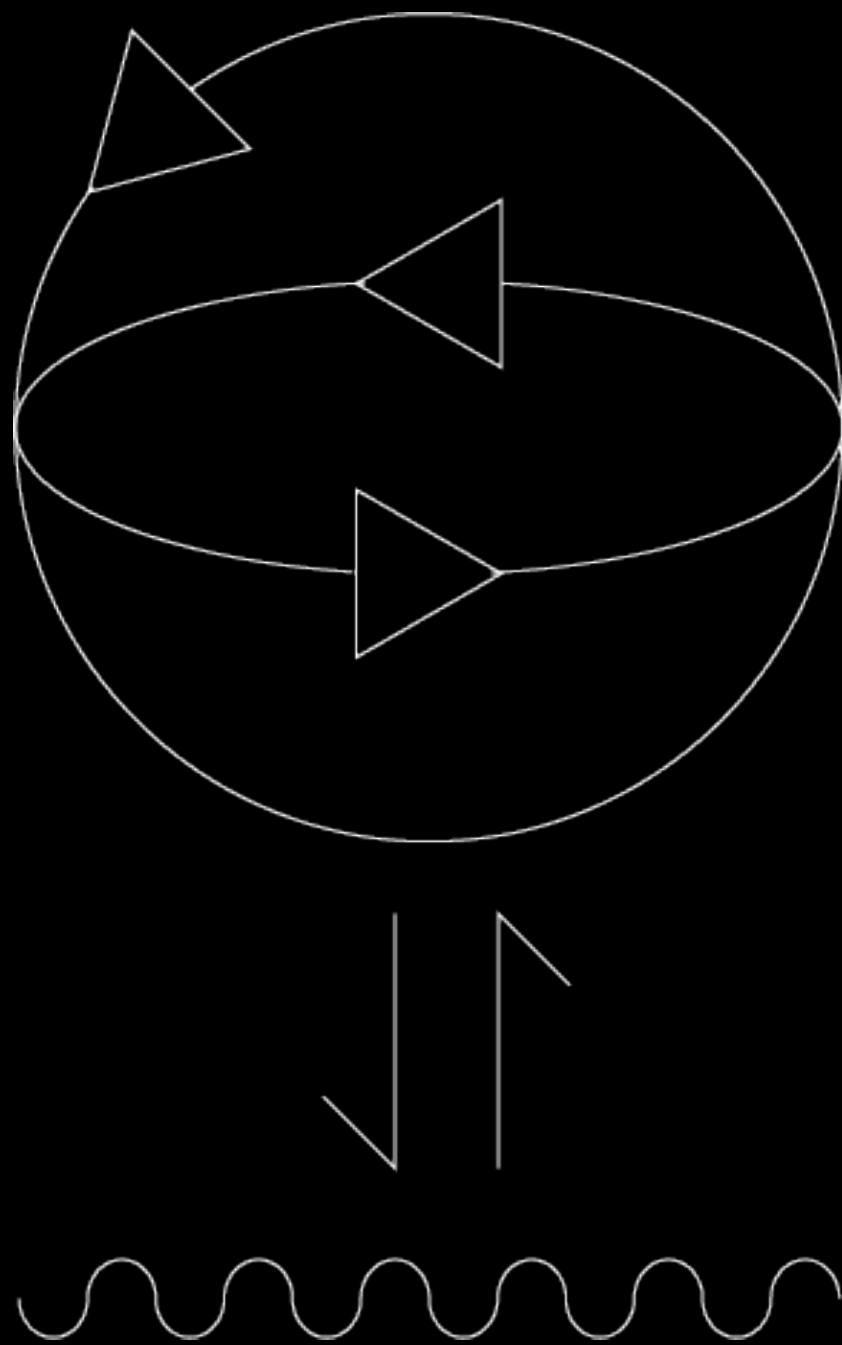


HUMAN

VOYAGER/140 AU

with Miha Turšič, 2013





$$\frac{d\mathbf{A}}{dt} = \alpha_1 - \beta_1 \mathbf{A} \frac{\mathbf{B}^{n_1}}{K_1^{n_1} + \mathbf{B}^{n_1}} + \textcolor{red}{PLS}$$

$$\frac{d\mathbf{C}}{dt} = \alpha_2 (1 - \mathbf{C}) \frac{\mathbf{A}^{n_2}}{K_2^{n_2} + \mathbf{A}^{n_2}} - \beta_2 \mathbf{C}$$

$$\frac{d\mathbf{B}}{dt} = \alpha_3 (1 - \mathbf{B}) \frac{\mathbf{C}^{n_3}}{K_3^{n_3} + \mathbf{C}^{n_3}} - \beta_3 \mathbf{B}$$

# NAVAL GAZING





**IT IS NOT EASY TO CULTIVATE SEaweeds ON THE NORTH SEA !!** So far not a single kg has been harvested

(can't we do better than this in the Netherlands....)















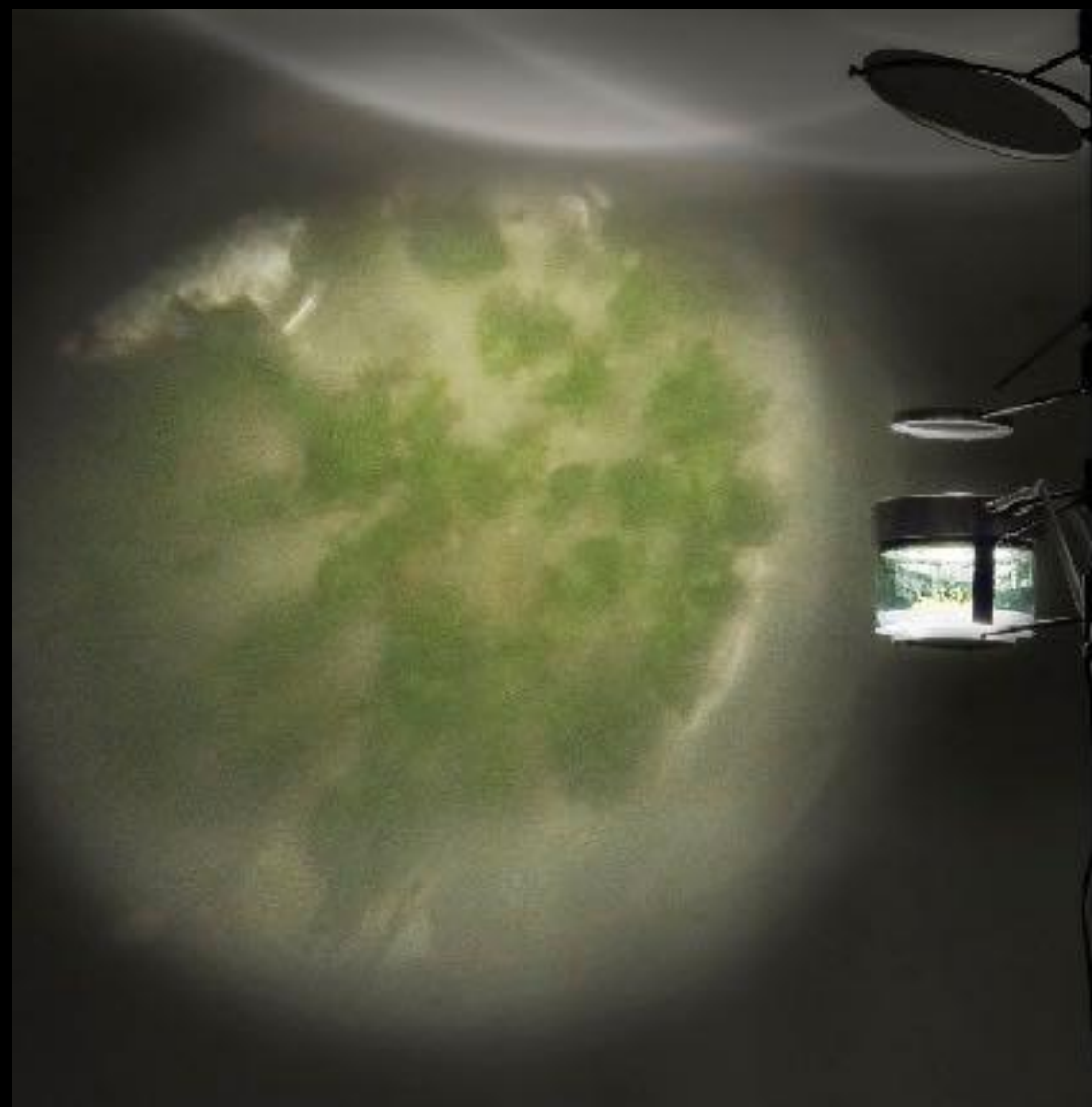
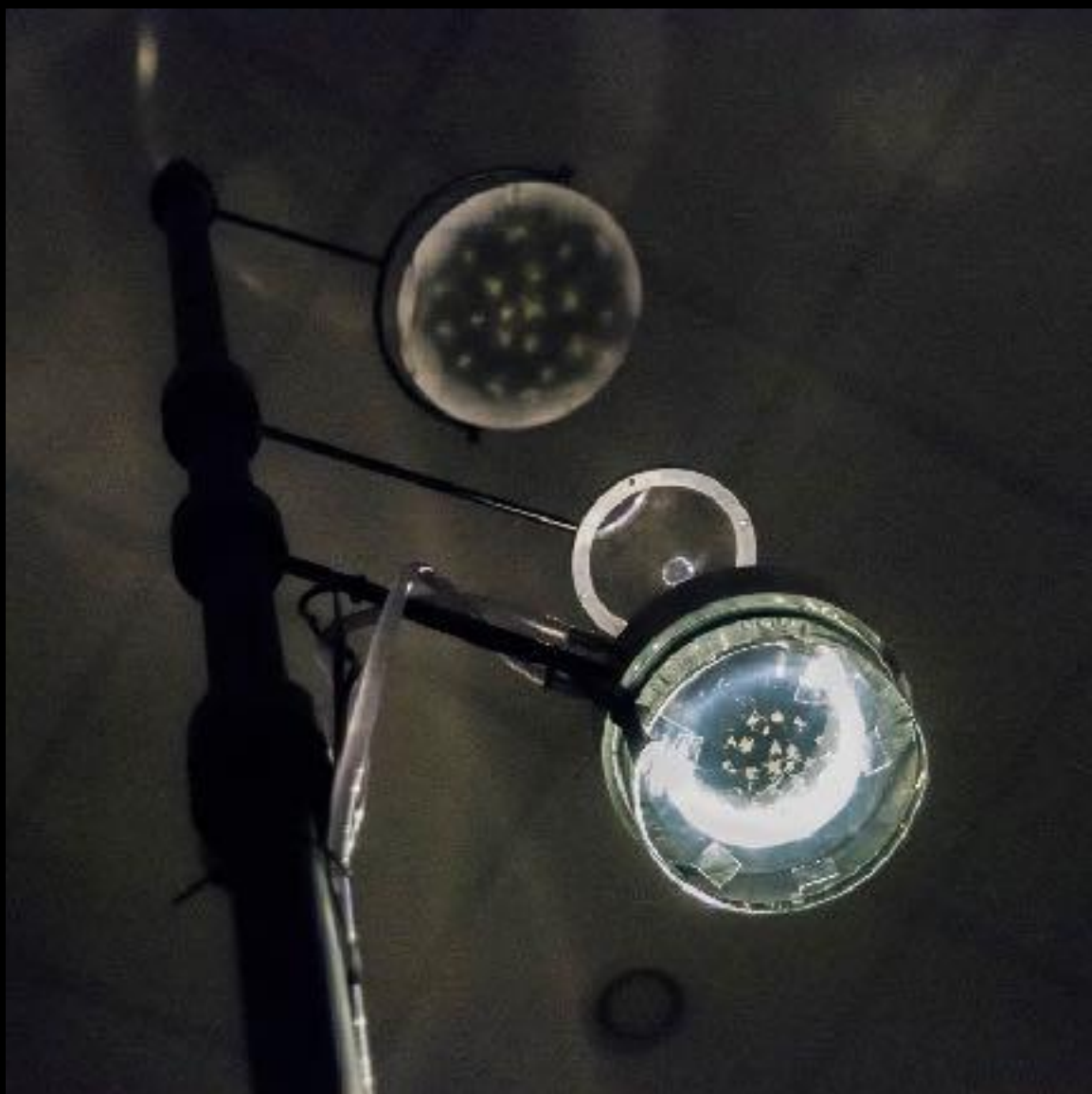
# ECTOGENESIS

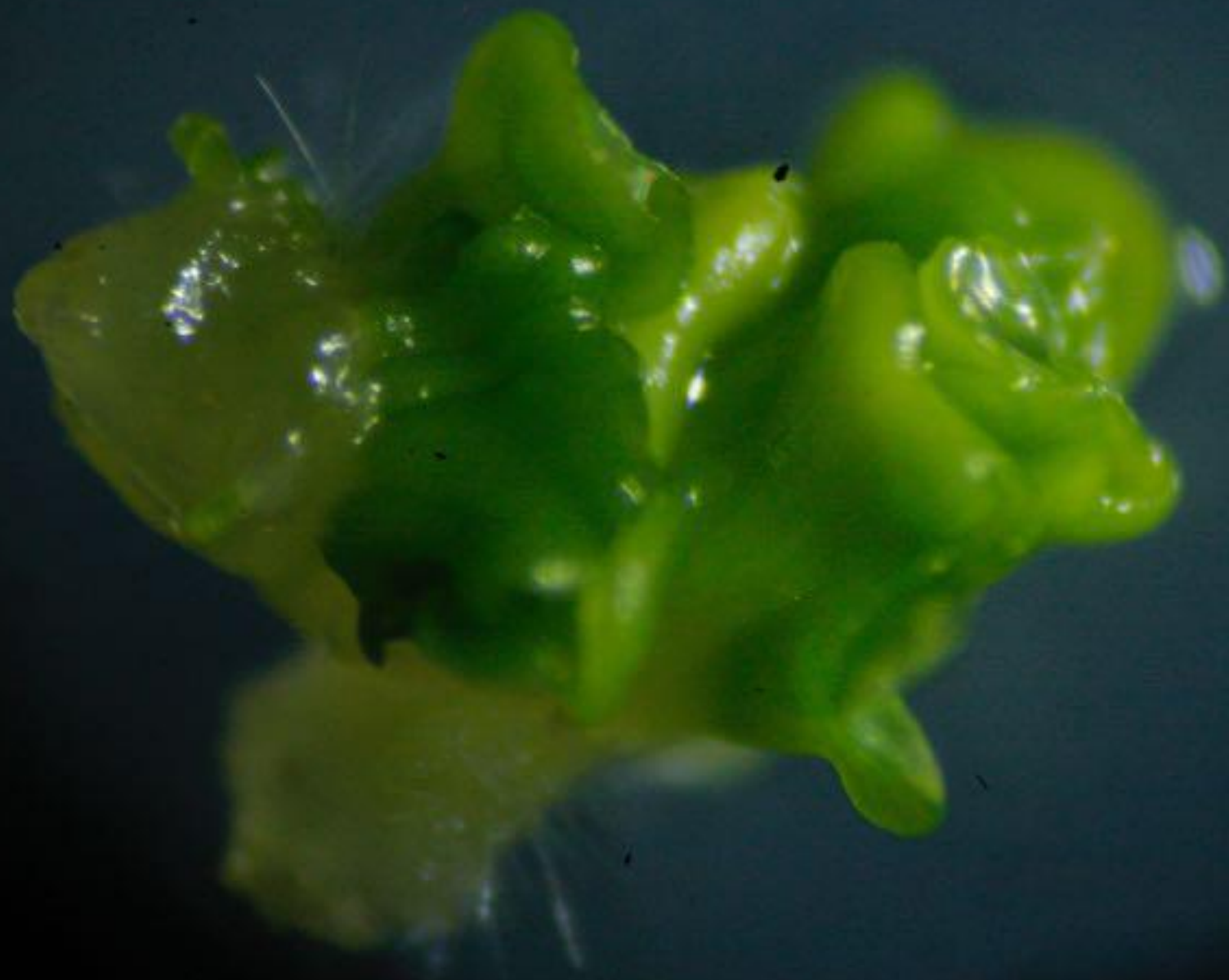
## Plant Human Monsters













# THE PLANT SEX CONSULTANCY











Trials of pig tissue transplanted into humans to treat diabetes, Parkinson's disease and blindness are "imminent" but solid organ transplants - hearts, kidneys, livers - are still "several years away".

**KEY**    **Imminent**    **Years away**

**Pancreatic islets**  
to treat diabetes



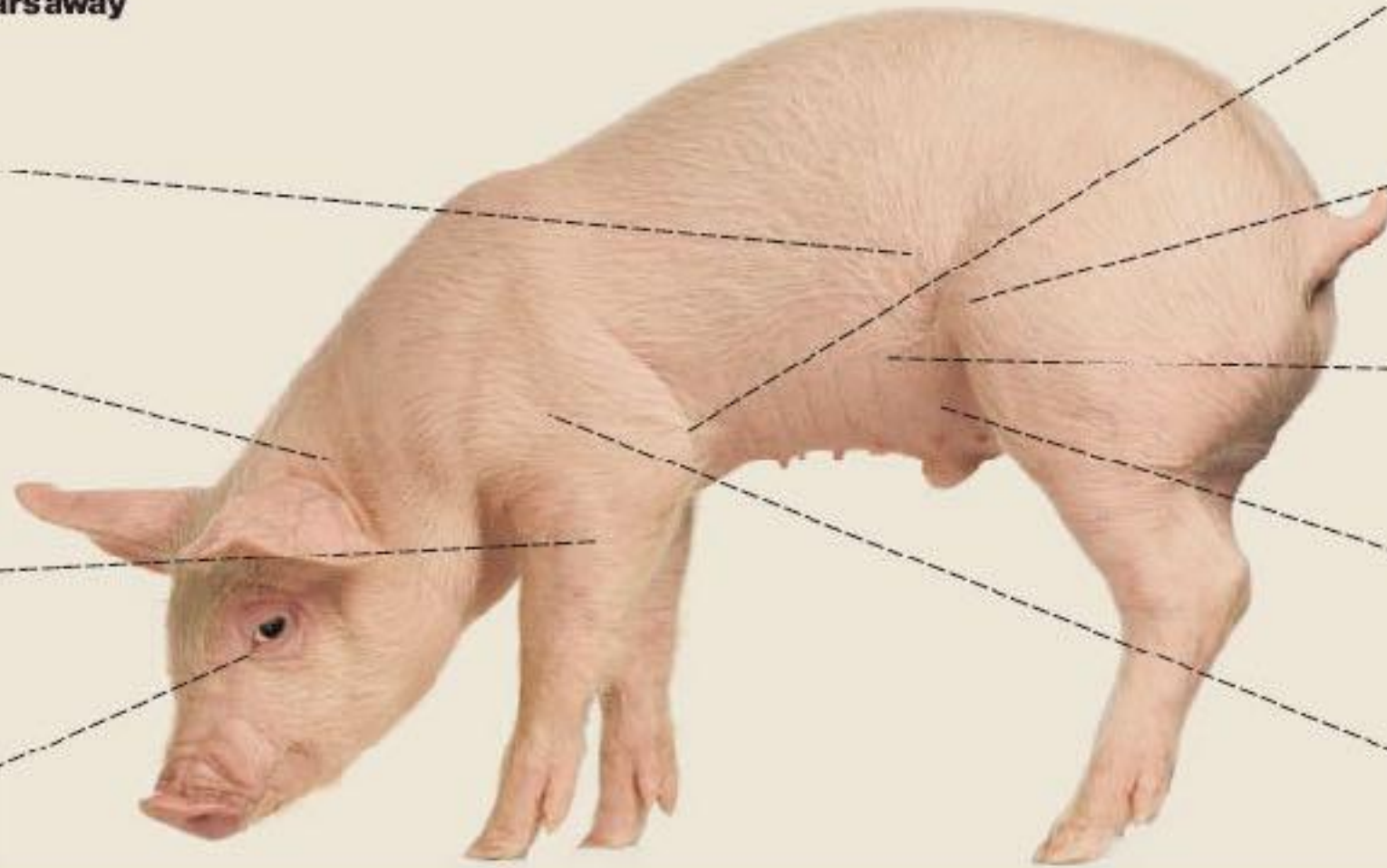
**Brain cells** to  
treat Parkinson's  
and Huntington's  
disease



**Red blood cells**  
for transfusion



**Eye tissues**  
corneas etc.



**Heart**



**Kidney**



**Liver**



**Small bowel**



**Lungs**







L' H O M M E

M A C H I N E.

*Par la métire de S.<sup>r</sup> malo,  
né en 1709, mort en 1751.*

*Est-ce là ce Raion de l'Essence suprême,  
Que l'on nous peint si lumineux?  
Est-ce là cet Esprit survivant à nous même?  
Il naît avec nos sens, croît, s'affoiblit  
comme eux.*

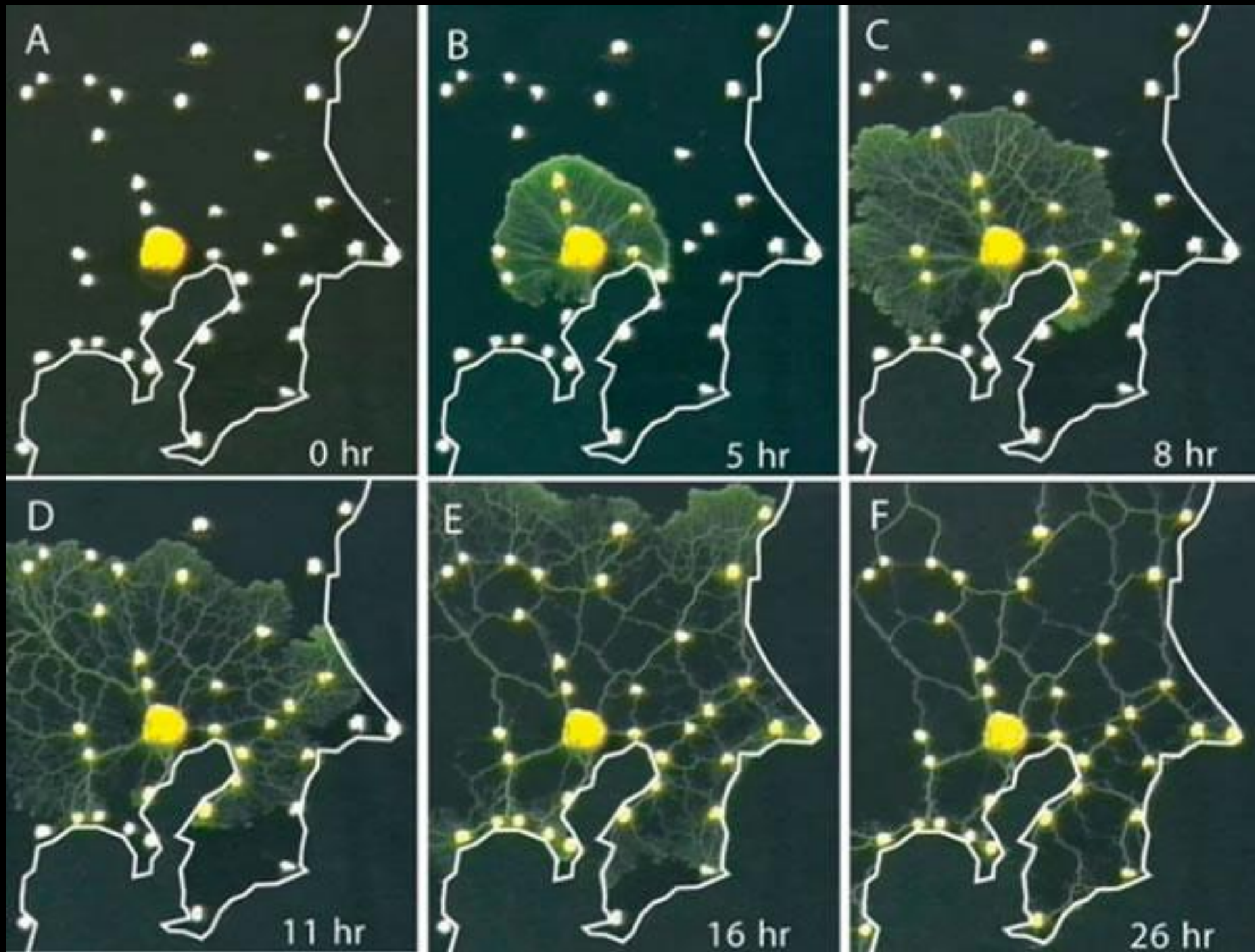
*Helas! il périra de même.*

VOLTAIRE.

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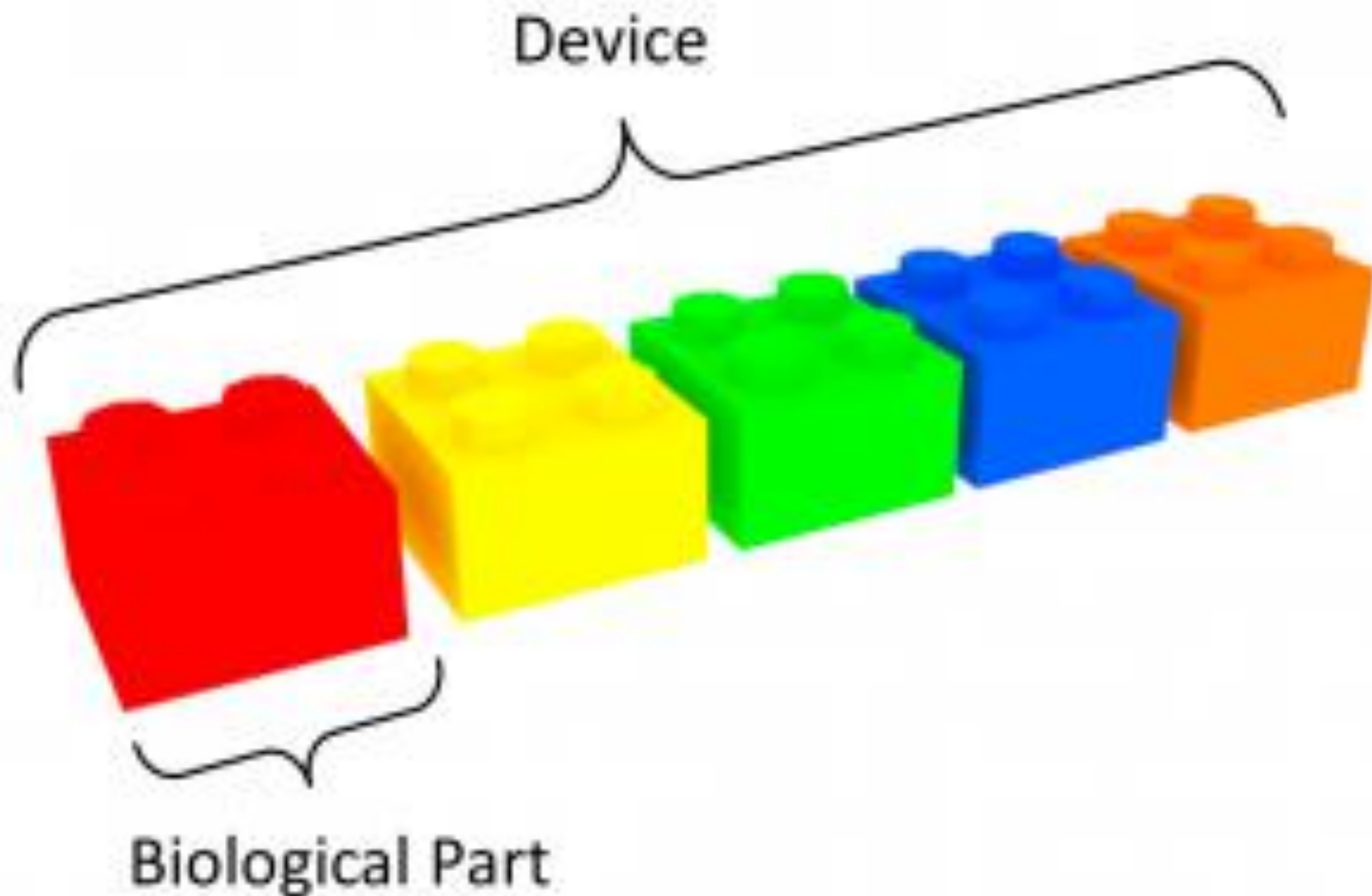
À L E I D E,  
DE L'IMP. D'ELIE LUZAC, FILS.  
M D C C X L V I I I,



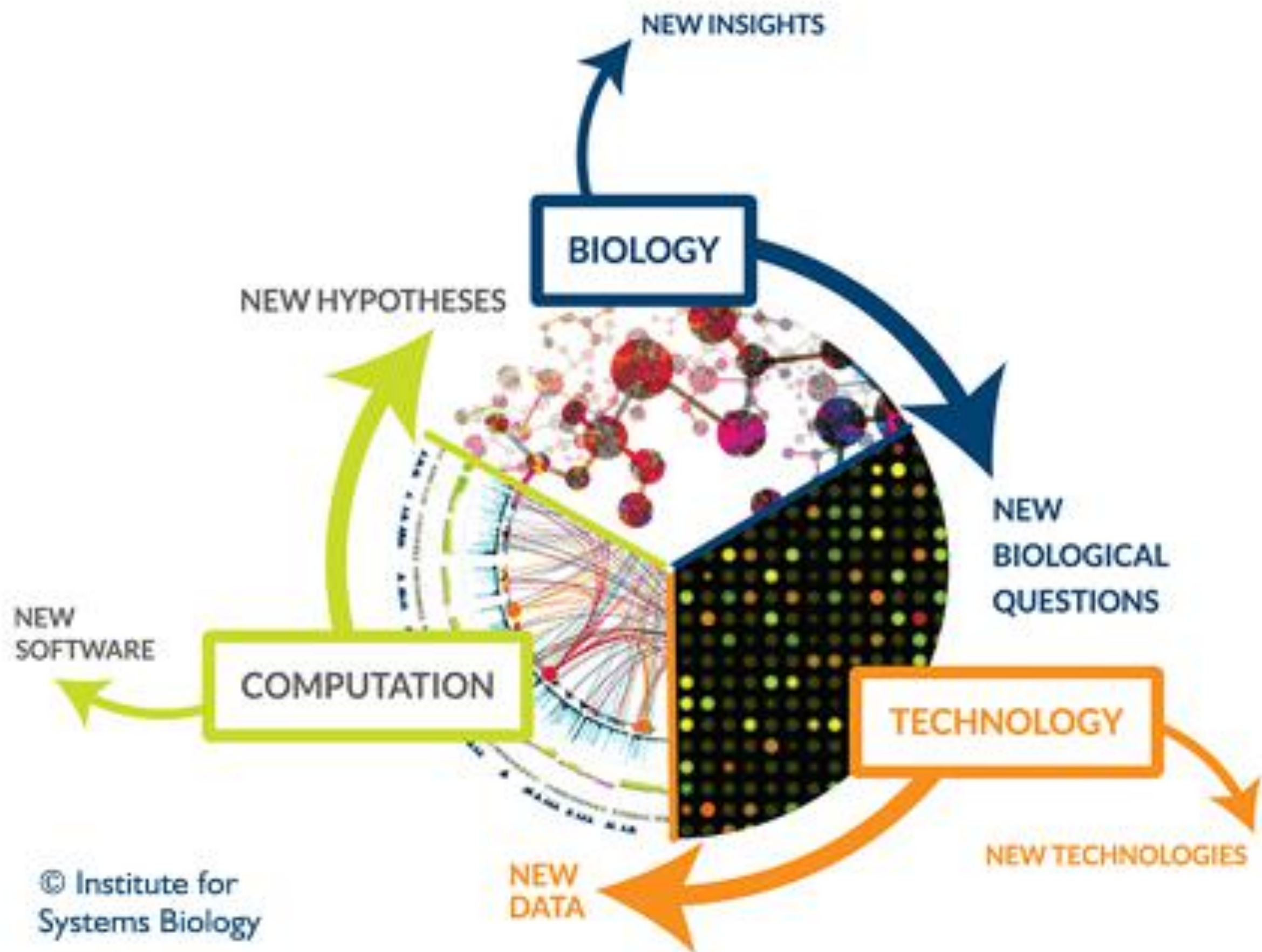


Physarium machines: computers from slime molds

cells as processors + DNA as programming language







pervasiveness of computation



UBER



3D HUBS





**the end of  
representation**



ready-made

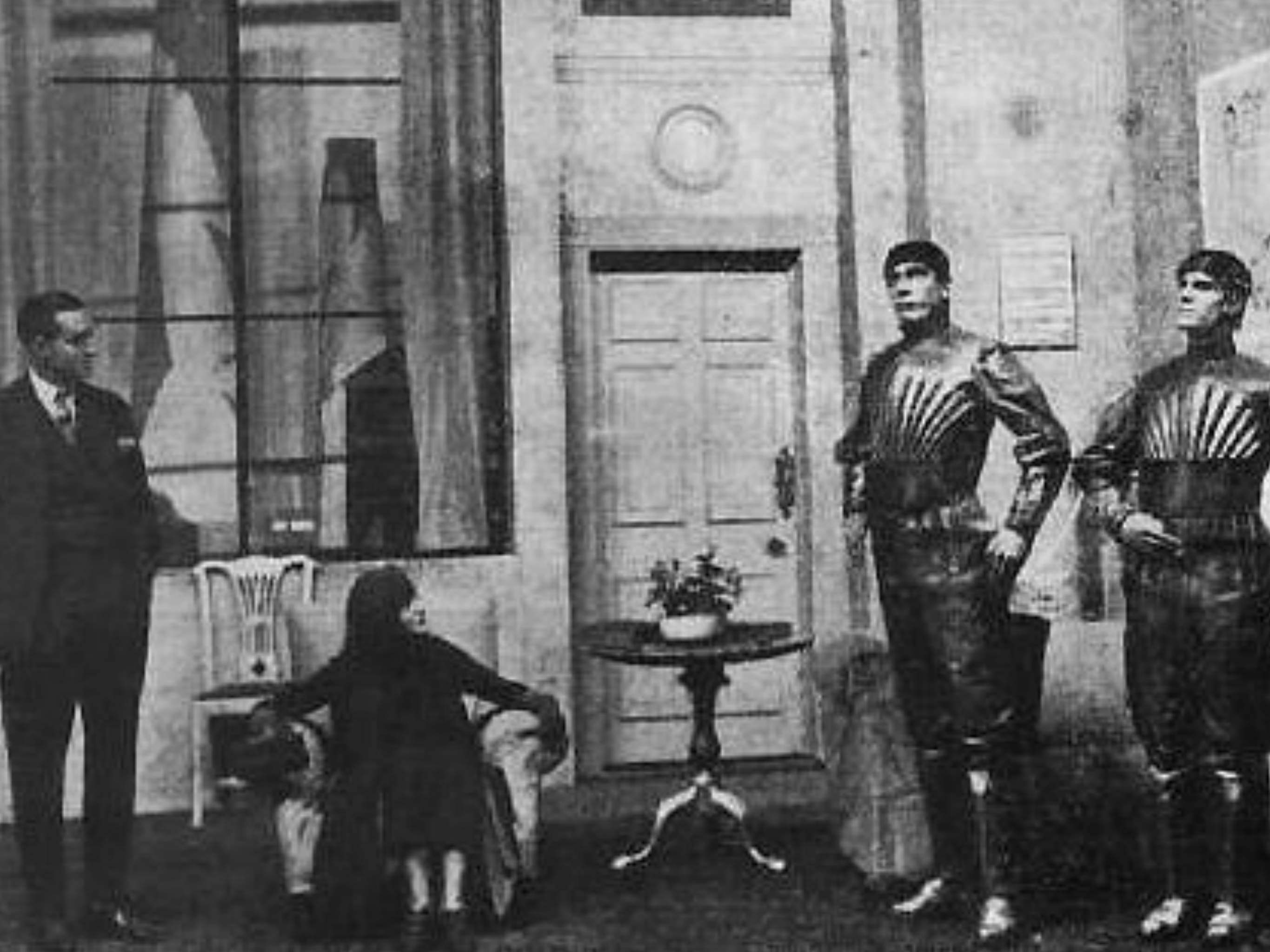
R. MUTT  
1917







art machines

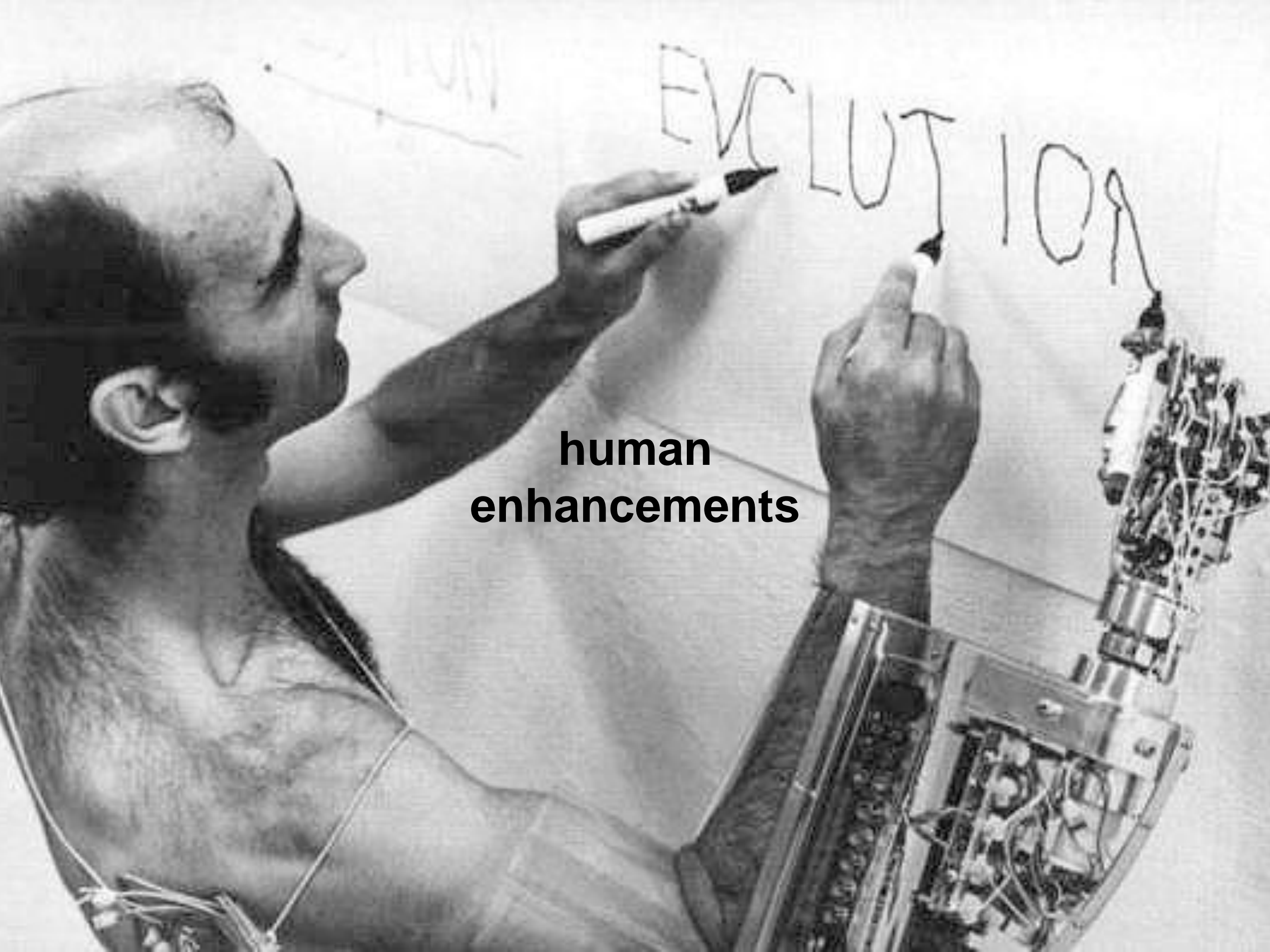




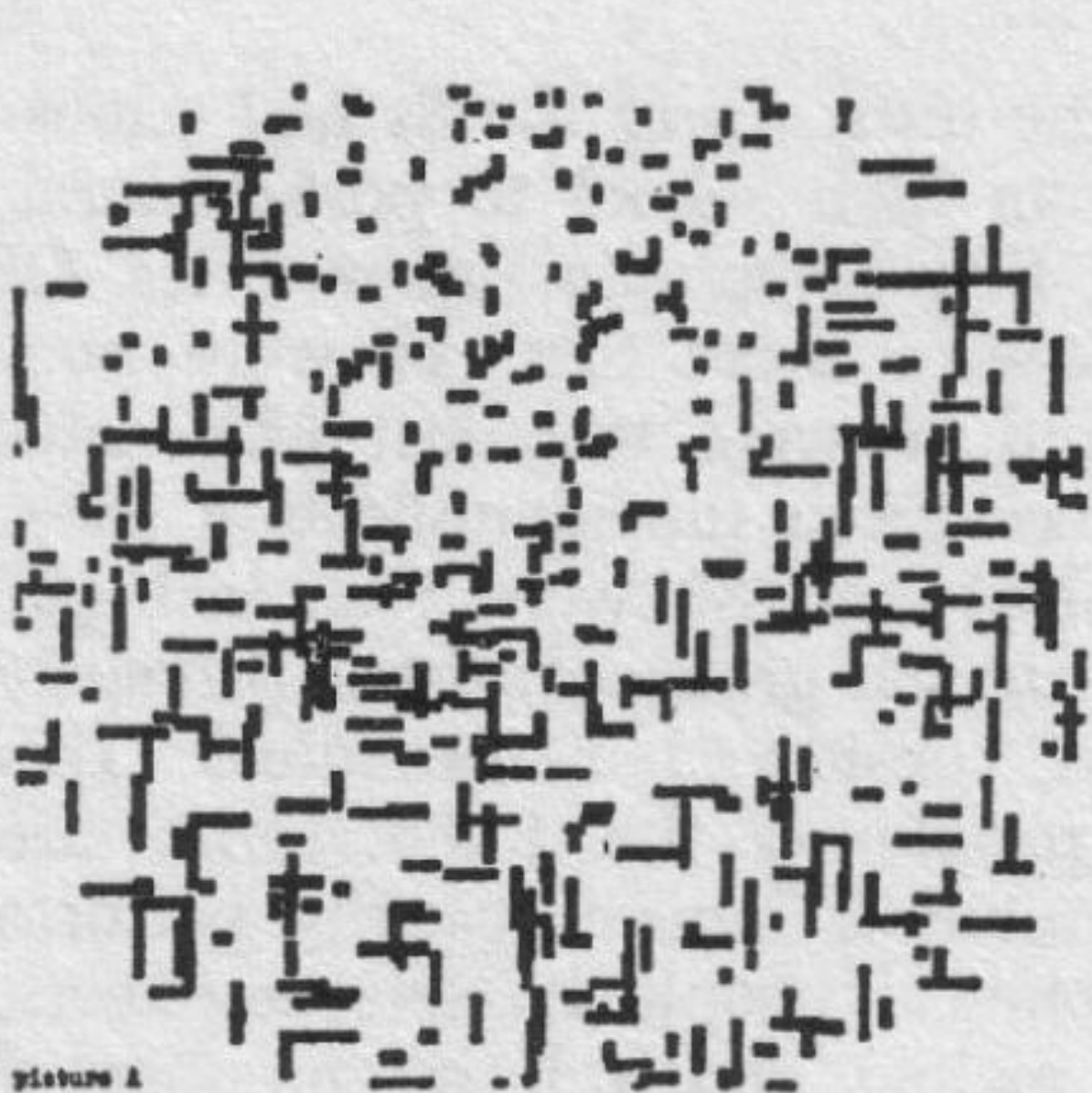




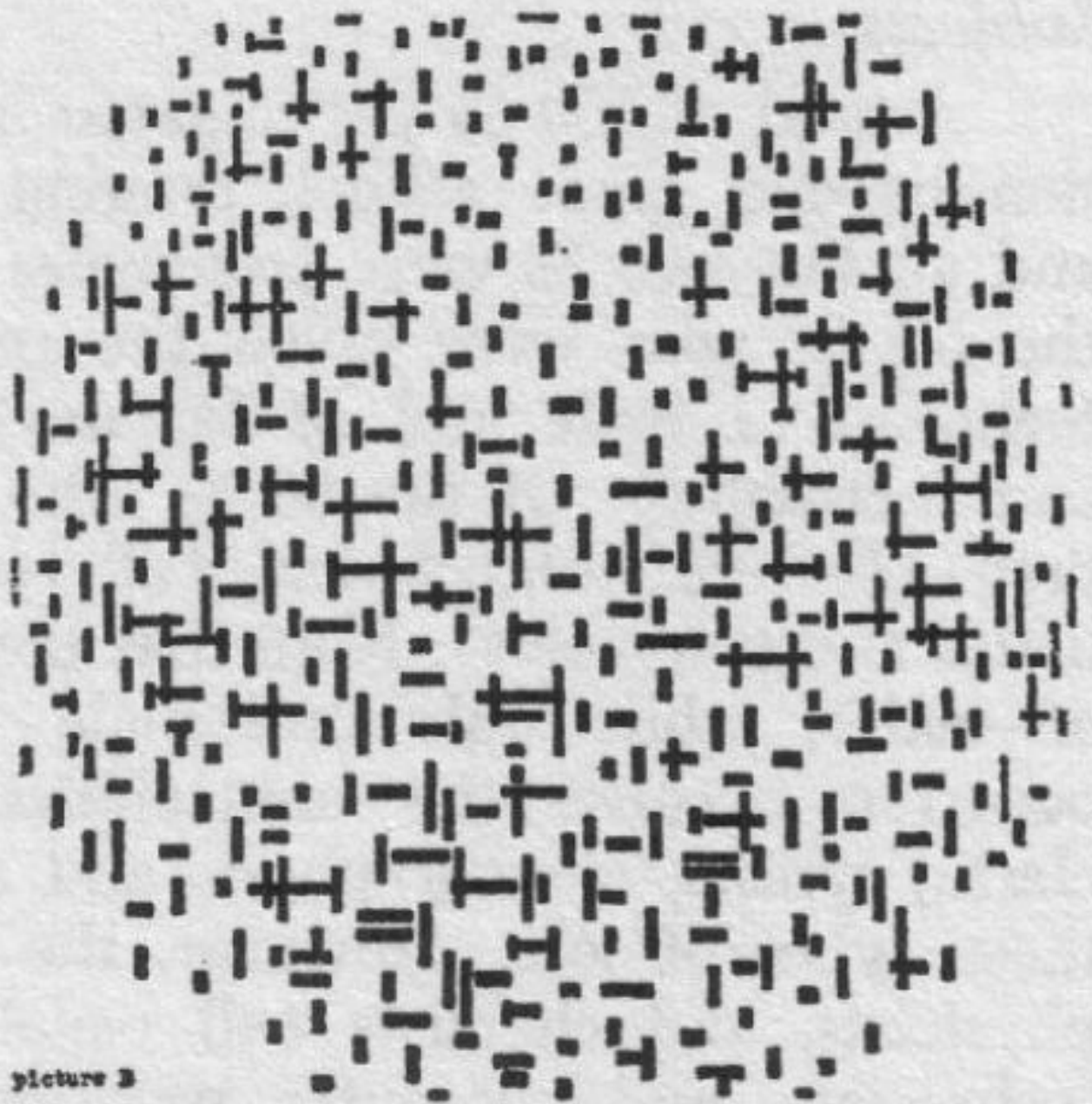




**human  
enhancements**



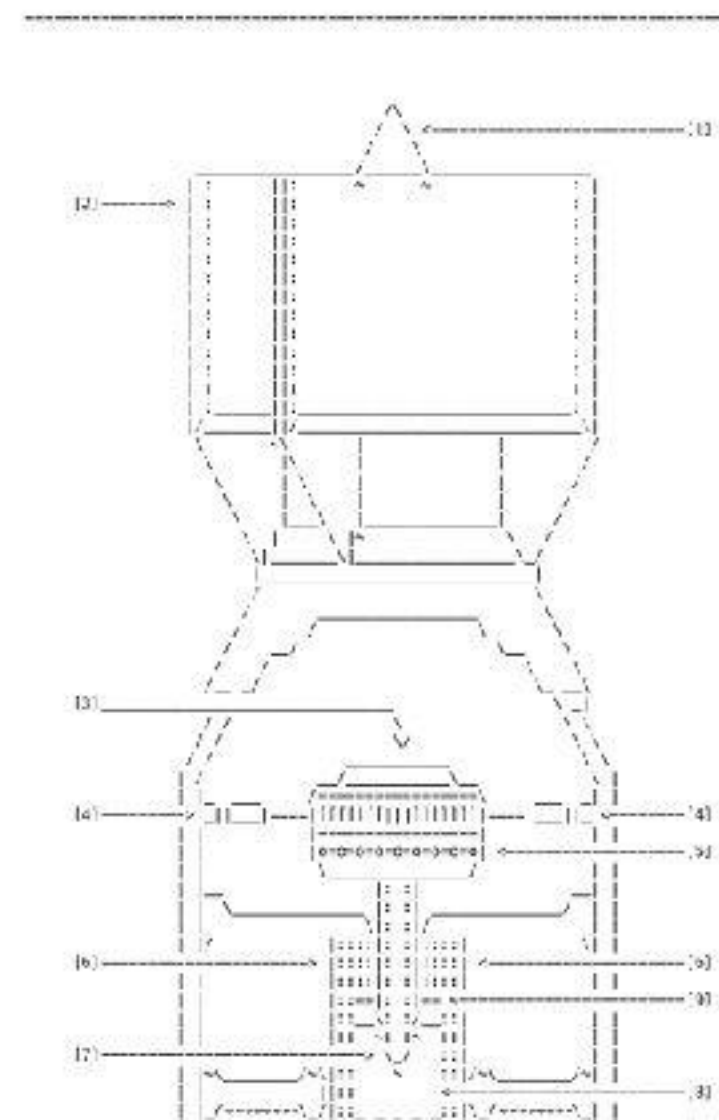
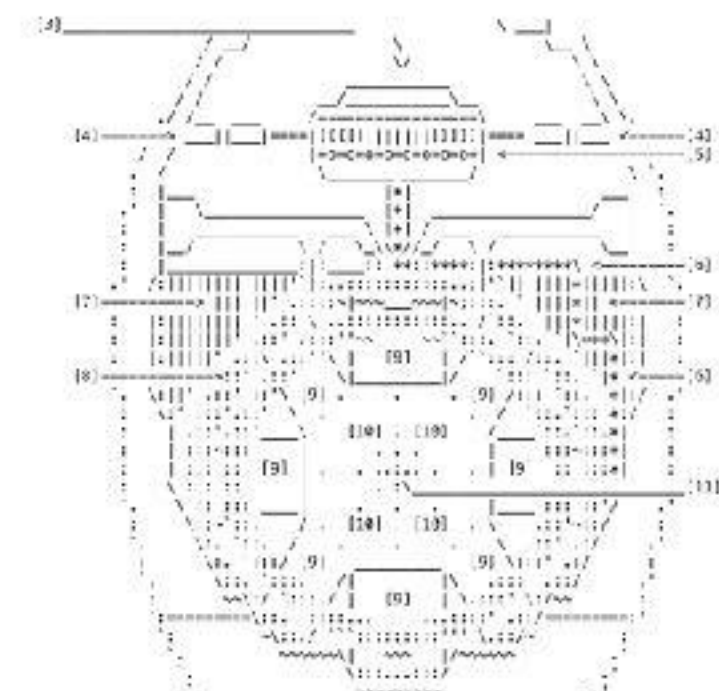
picture 1



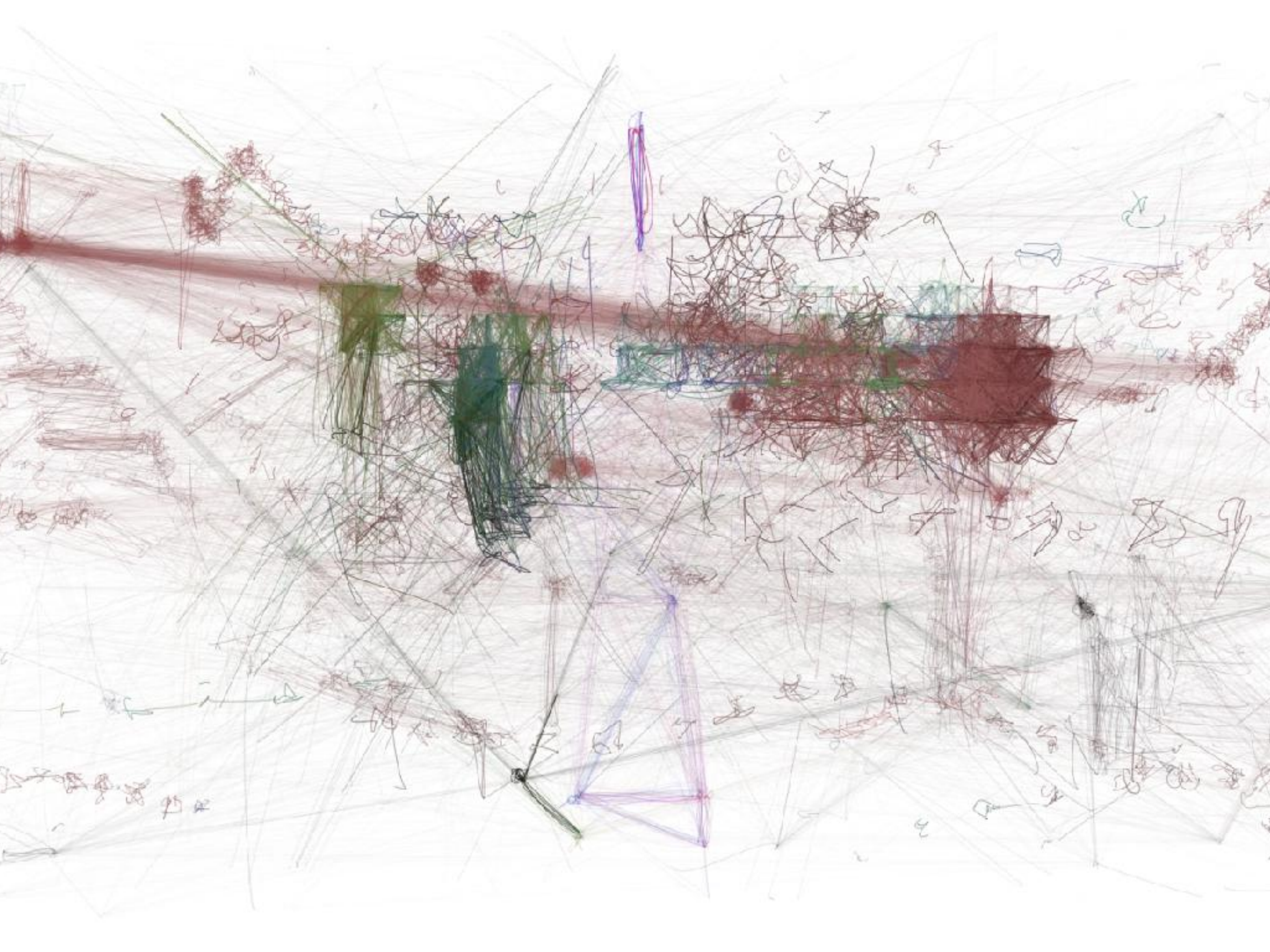
picture 2

**artist as programmer**



[illegible]











# The New York Times

## IRAQ WAR ENDS

From the Editor  
Immediately



### Nations Set for Fight on Building State Economy

With the war over, the world is now faced with the task of rebuilding the state economy. The United Nations has set up a committee to study the situation and make recommendations.

### Ex-Secretary Apologizes for W. H. D. Scott

Mr. Scott, who was Secretary of the State Department, has apologized for his actions during the war.

### TREASURY ANNOUNCES TAX PLAN











