

**Speculative diagrams:  
plotting to reclaim  
algorithmic prediction**

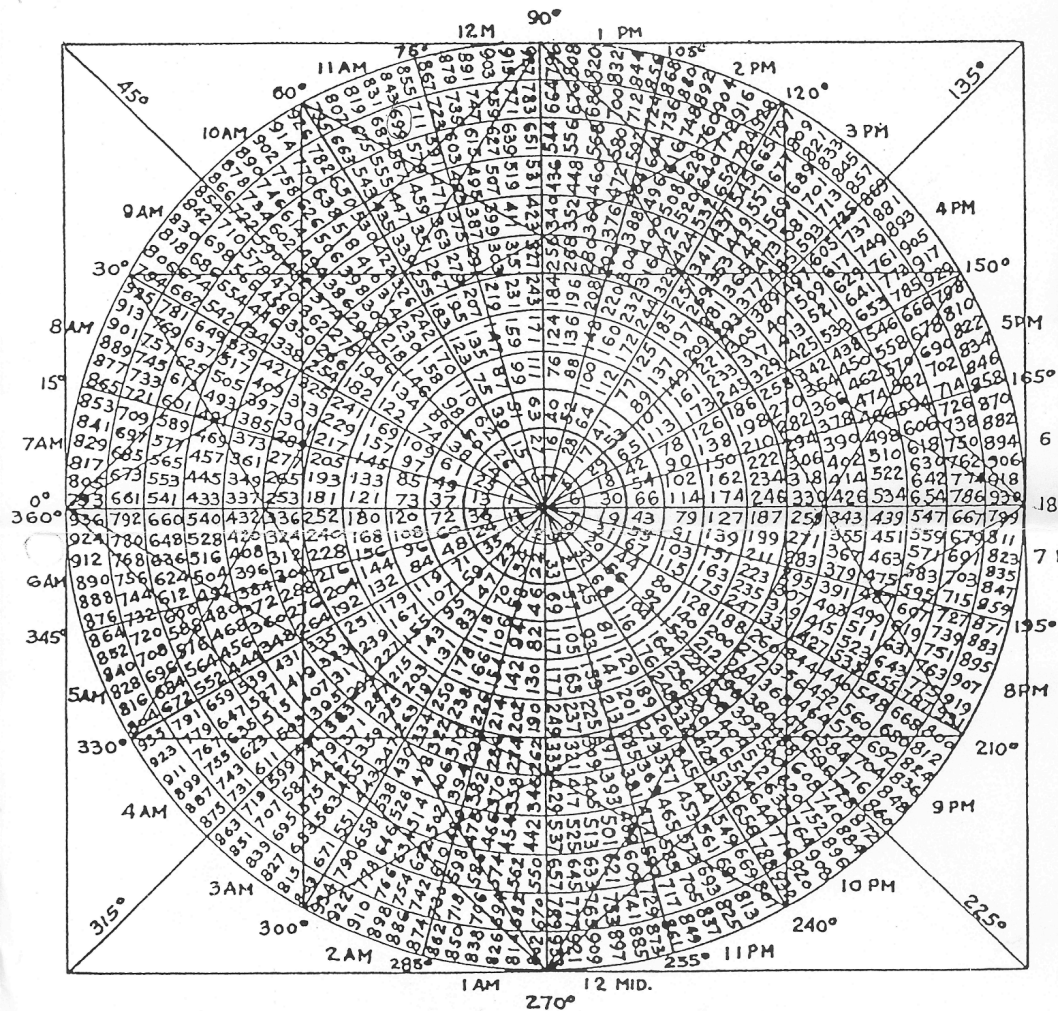
Betti Marenko (CSM)  
David Benqué (RCA)

## Stengers' *Cosmopolitical Proposal*:

“requires practitioners who (and this is a **political problem**, not a cosmopolitical one) have learned to shrug their shoulders at the claims of generalizing theoreticians that define them as subordinates charged with the task of “applying” a theory or that capture their practice as an illustration of a theory.”

Stengers, Isabelle (2005). “The Cosmopolitical Proposal.” In *Making Things Public. Atmospheres of Democracy*. Peter Weibel and Bruno Latour eds. MIT Press p 994

# Diagrams: Computation Prediction Speculation



Delbert Gann (circa 1935)

# Algorithmic prediction

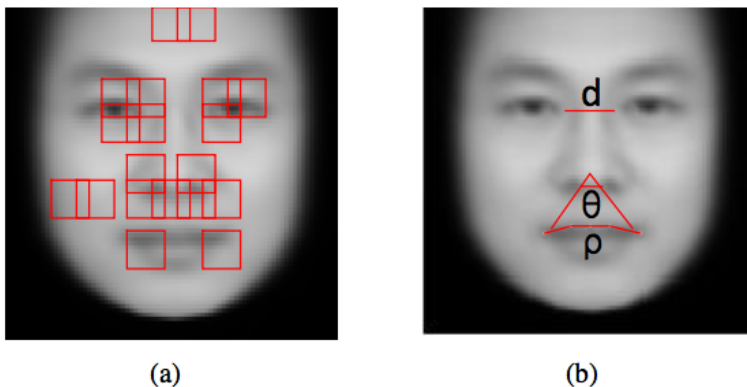


Figure 4. (a) FGM results; (b) Three discriminative features  $\rho$ ,  $d$  and  $\theta$ .

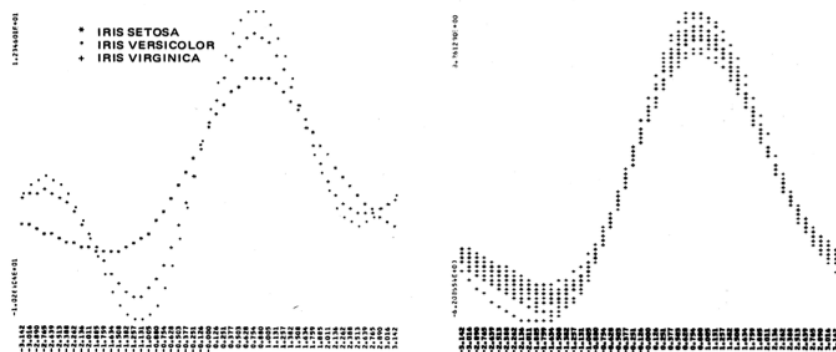


Figure 7 a. Mean vectors of the three iris groups

Figure 7 b. Functional cluster showing 10 samples from Iris Setosa

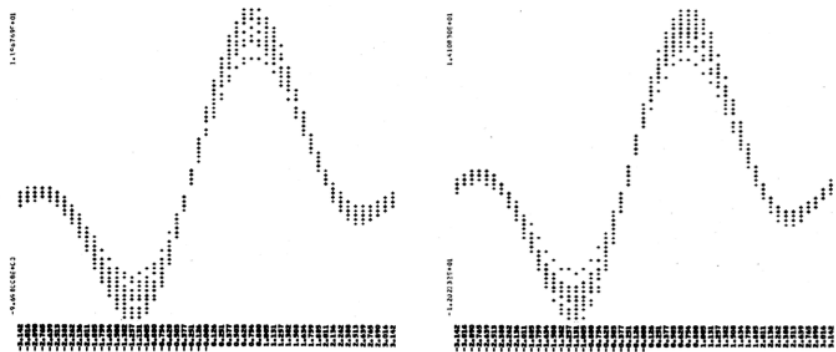
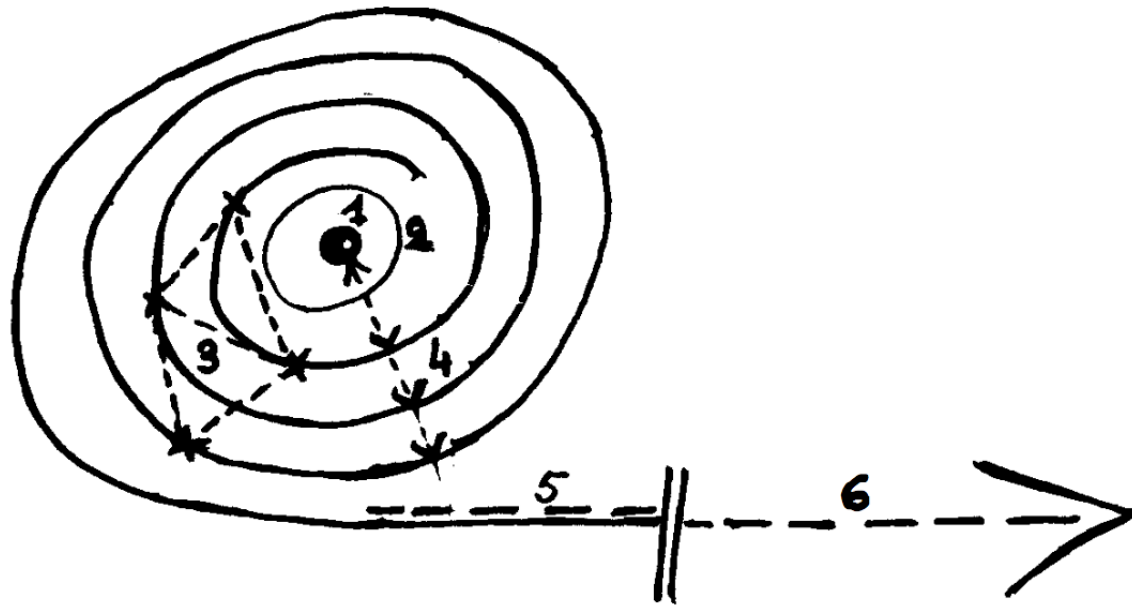


Figure 7 c. Functional cluster showing 10 samples from Iris Versicolor

Figure 7 d. Functional cluster showing 10 samples from Iris Virginica

Figure 7. Functional display of multi-dimensional data



(1) The Center or the Signifier; the faciality of the god or despot. (2) The Temple or Palace, with priests and bureaucrats. (3) The organization in circles and the sign referring to other signs on the same circle or on different circles. (4) The interpretive development of signifier into signified, which then reimparts signifier. (5) The expiatory animal; the blocking of the line of flight. (6) The scapegoat, or the negative sign of the line of flight.

Deleuze, G. and Guattari, F. (1988). *A Thousand Plateaus. Capitalism and Schizophrenia*. London: Continuum.


# Algorithmic Governmentality

Algorithmic governmentality is the contemporary pre-emptive regime of power that “bypasses consciousness and reflexivity, and operates on the mode of alerts and reflexes”

Antoinette Rouvroy

Rouvroy, Antoinette (2013) The end(s) of critique: data behaviourism versus due process in Mireille Hildebrandt and Katja de Vries eds. *Privacy, Due Process and the computational turn. The philosophy of law meets the philosophy of technology.* Abingdon and New York, Routledge p 153

## Who to follow · [Refresh](#) · [View all](#)

 Followed by [Richard Sandford](#) and others



**Peter De Smedt** @PeterS... 

[Follow](#)



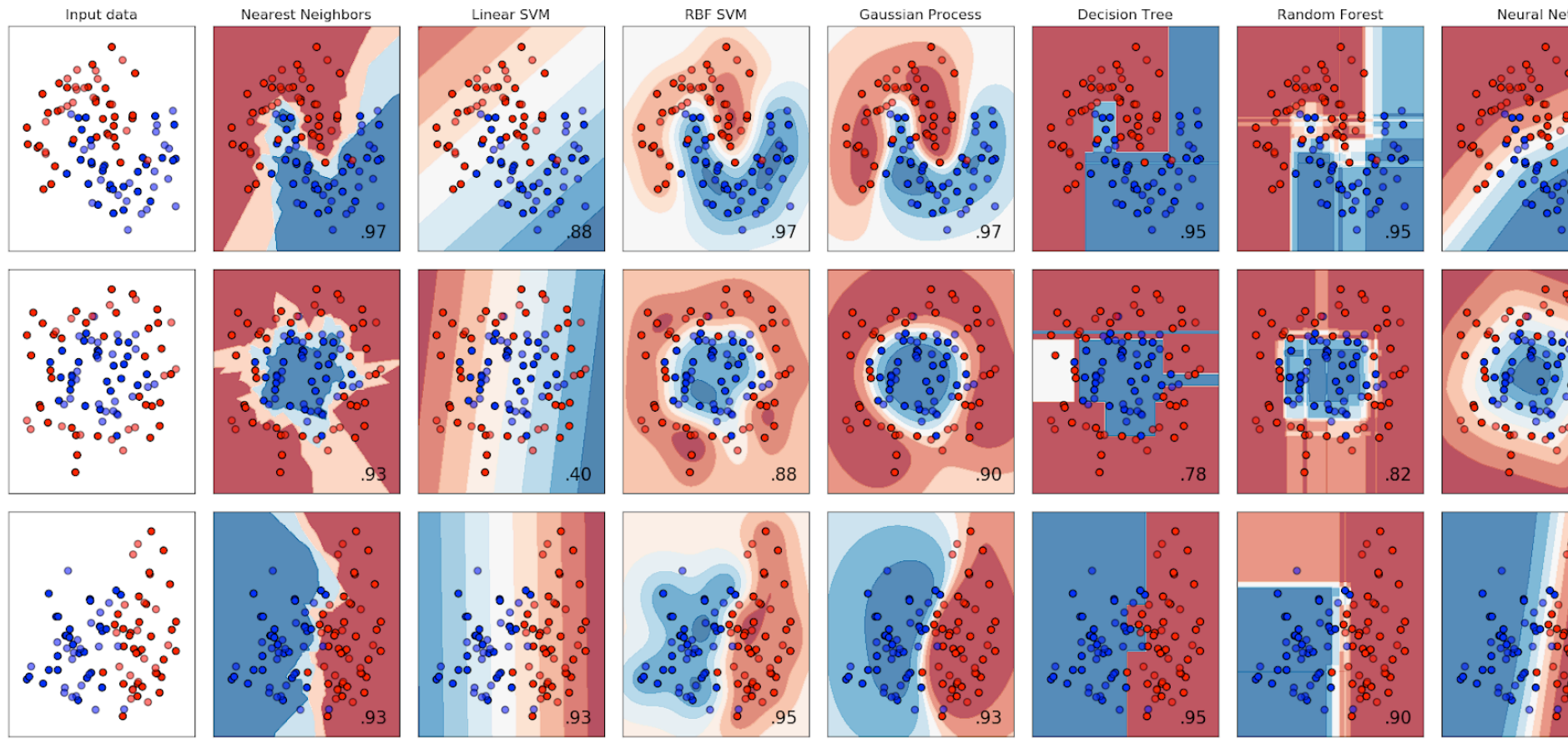
**Donald J. Trump**  @real... 

[Follow](#)



**Andy Kelly**  @ultrabrilliant 

[Follow](#)



Classifier comparison - scikit-learn 0.19.1 documentation

Inactual, potential dimensions of human existence, its dimensions of virtuality, the conditional mode of what people 'could' do, their potency or agency.

Antoinette Rouvroy



*Black Mirror Nosedive S03E01 (UK 2016)*

Rouvroy, Antoinette (2013) The end(s) of critique: data behaviourism versus due process in Mireille Hildebrandt and Katja de Vries eds. *Privacy, Due Process and the computational turn. The philosophy of law meets the philosophy of technology*. Abingdon and New York, Routledge p 159



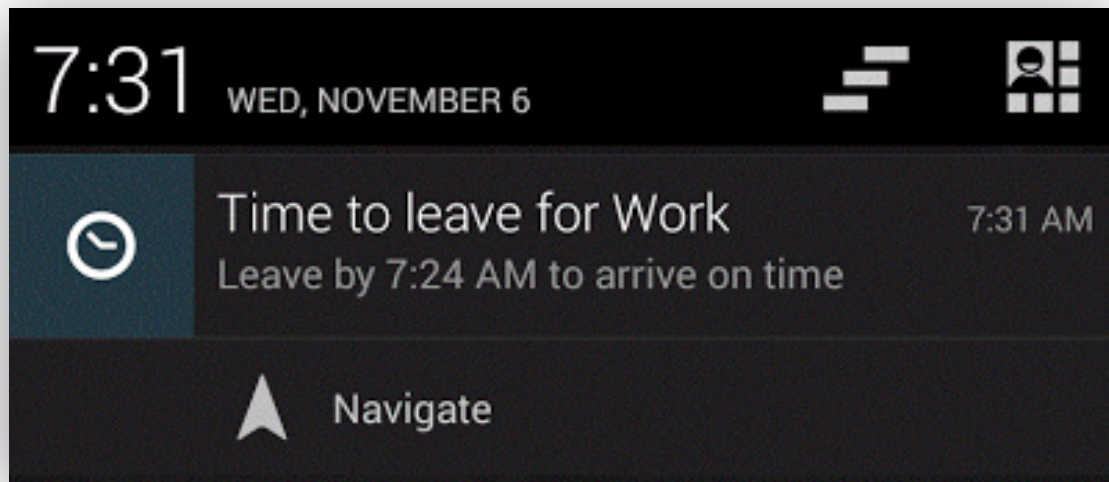


Paul van Oijen [Follow](#)

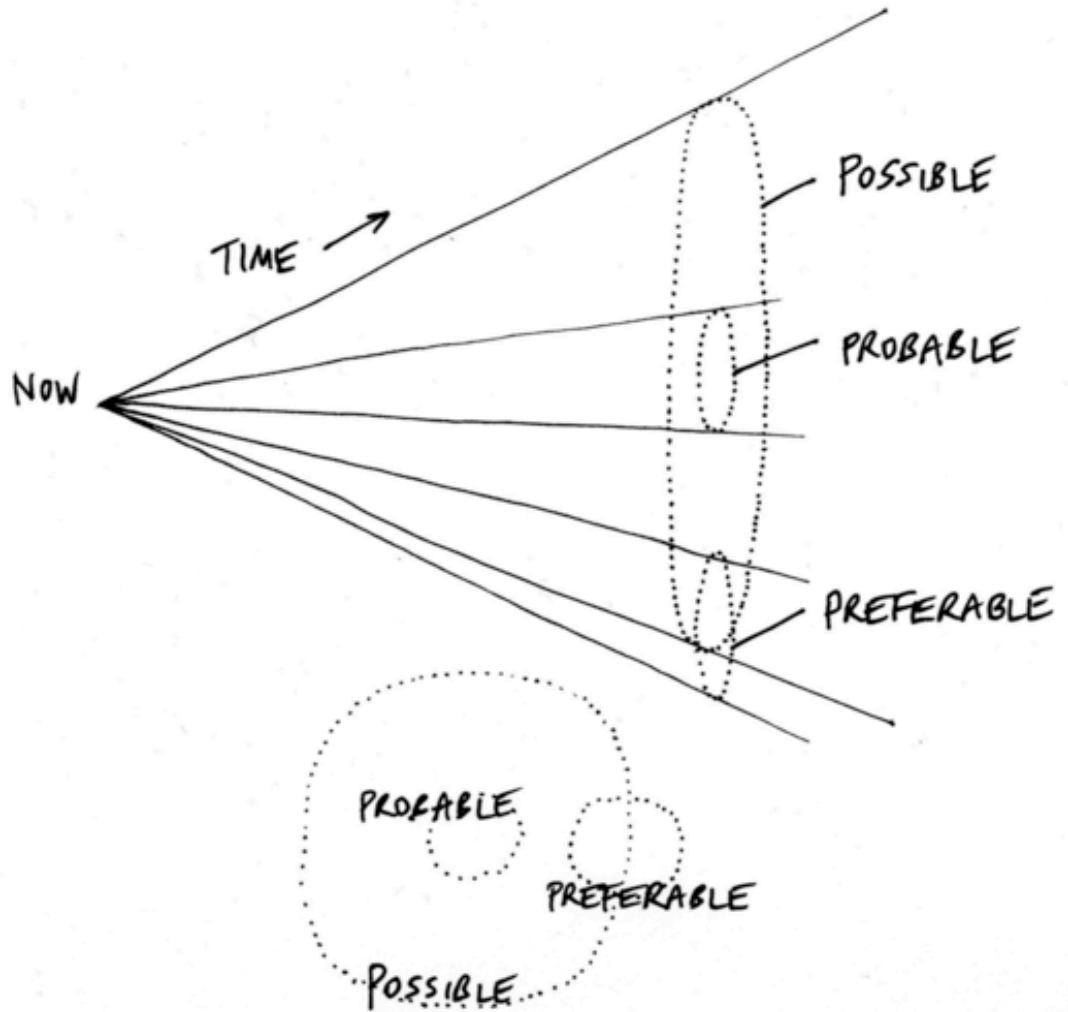
Dutchman lost in the Nordics. Product Designer @smartlyio // @paulvanoijen  
Feb 14, 2017 · 7 min read

# Why Less Choice is a Better Choice

Designing to preempt a user's every want and need



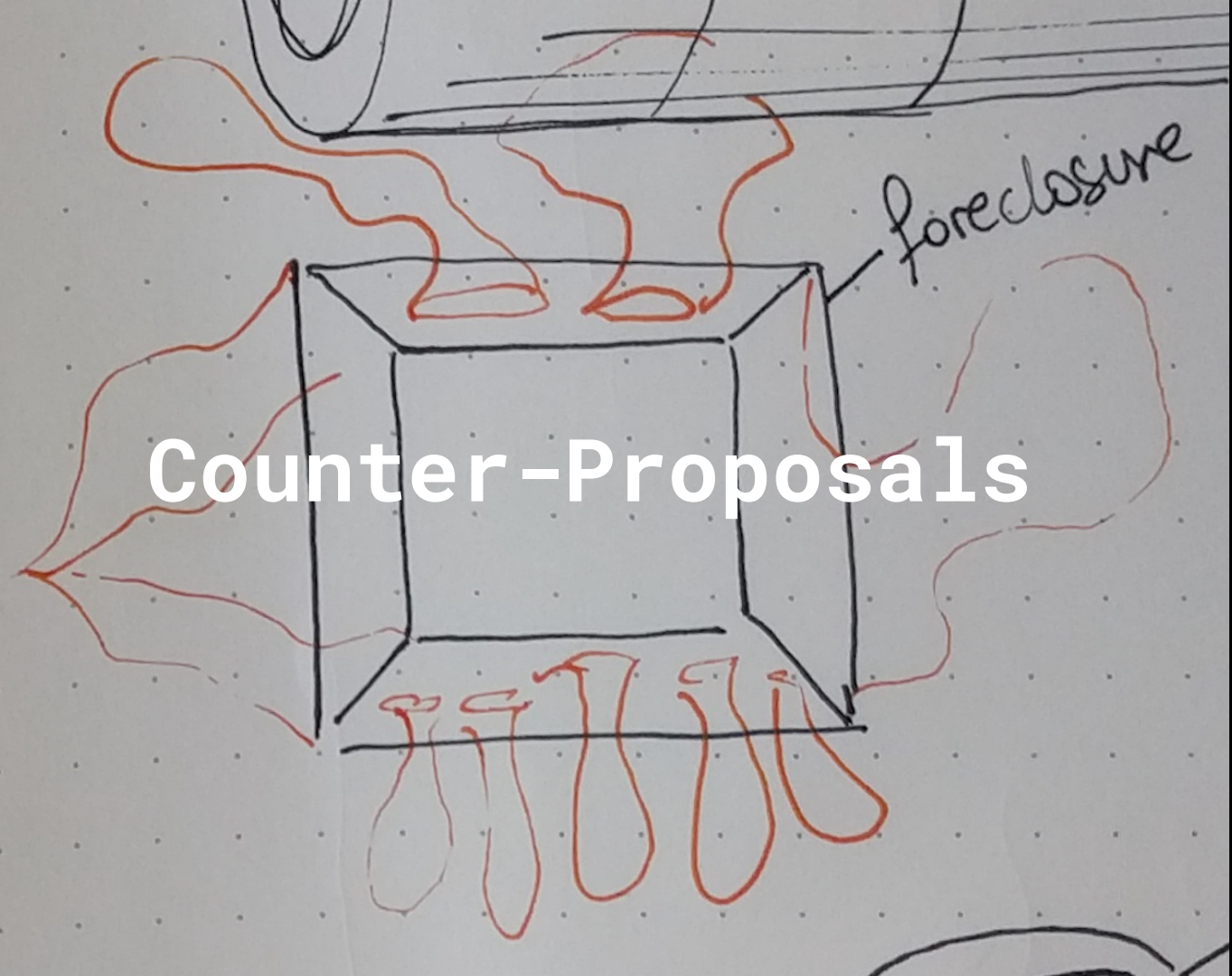
# The Futures Cone



Candy, S. "The Futures of Everyday Life: Politics and the Design of Experiential Scenarios," 2010.

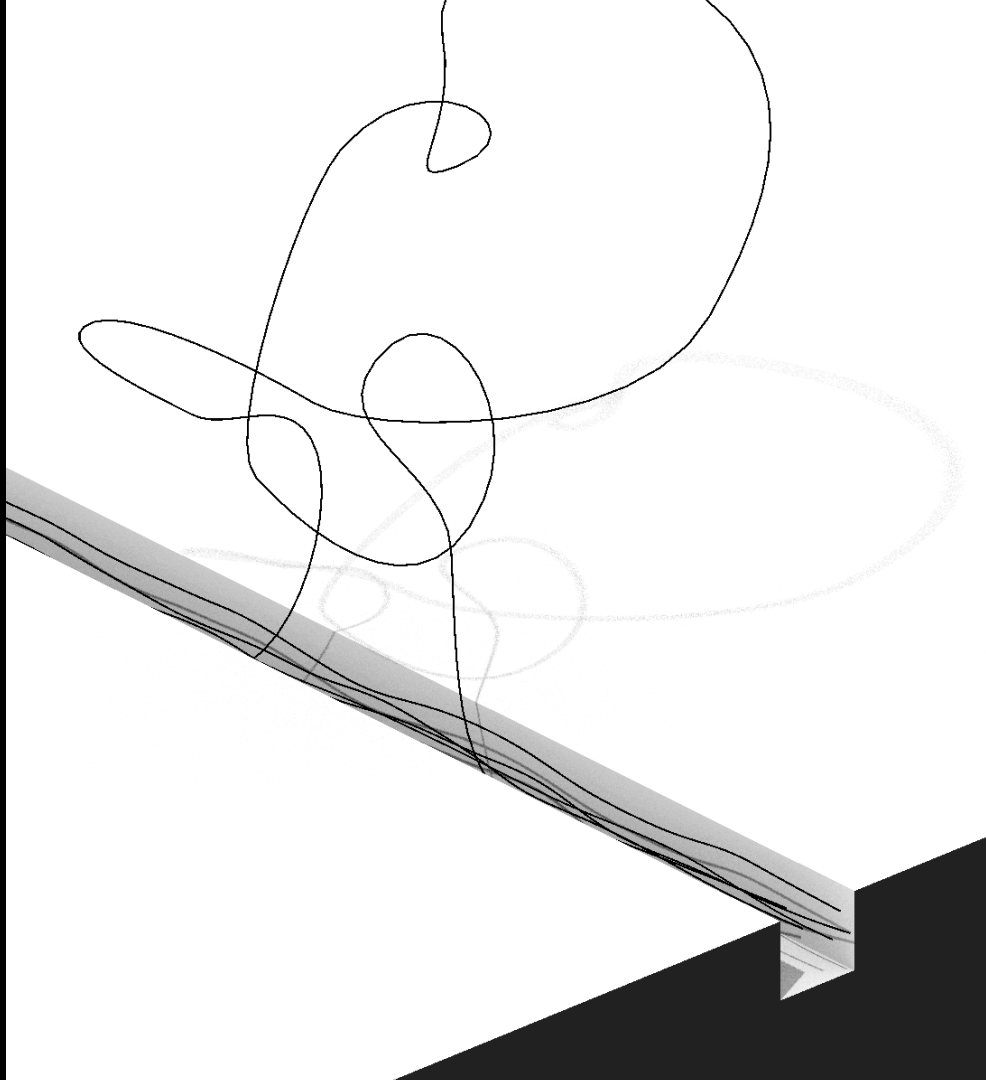
# Counter-Proposals

foreclosure



# Grooves

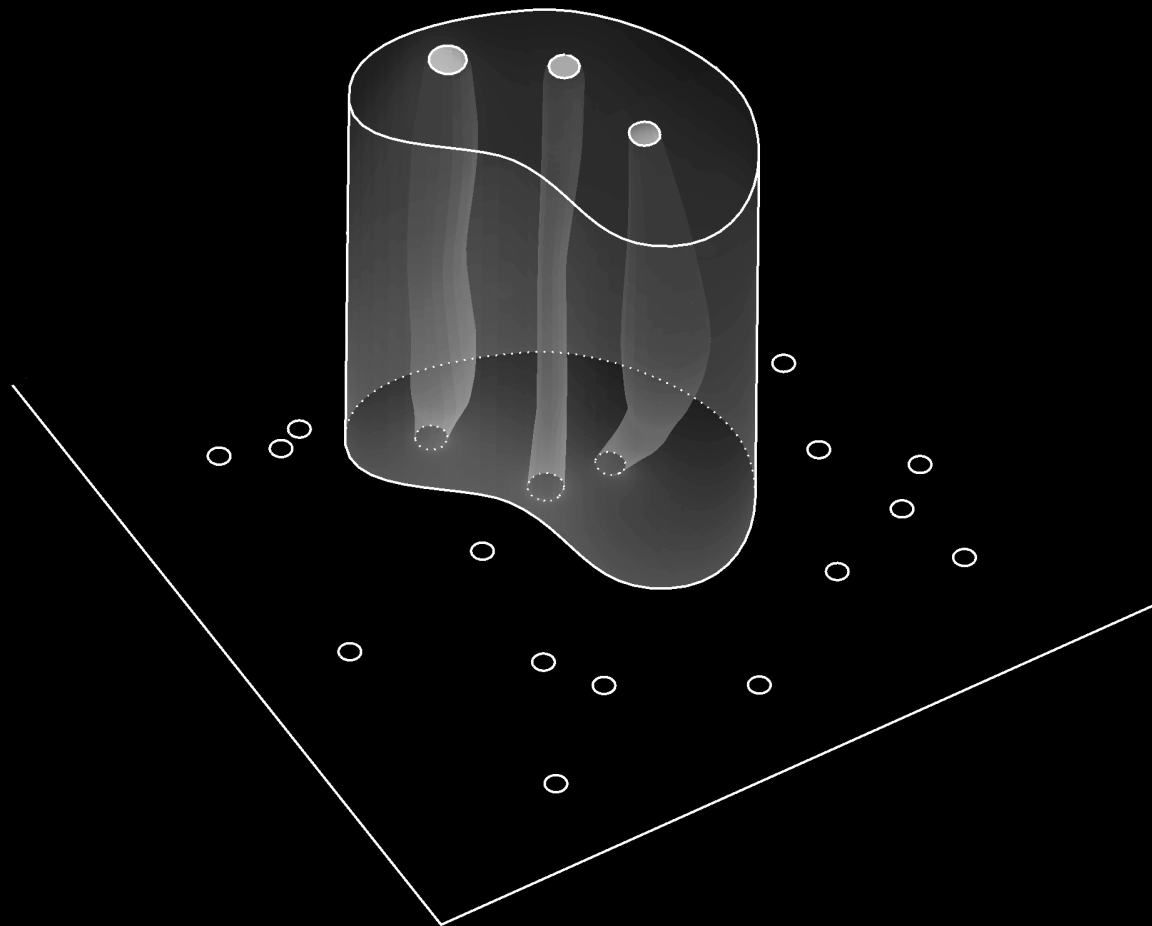
(and getting out thereof)



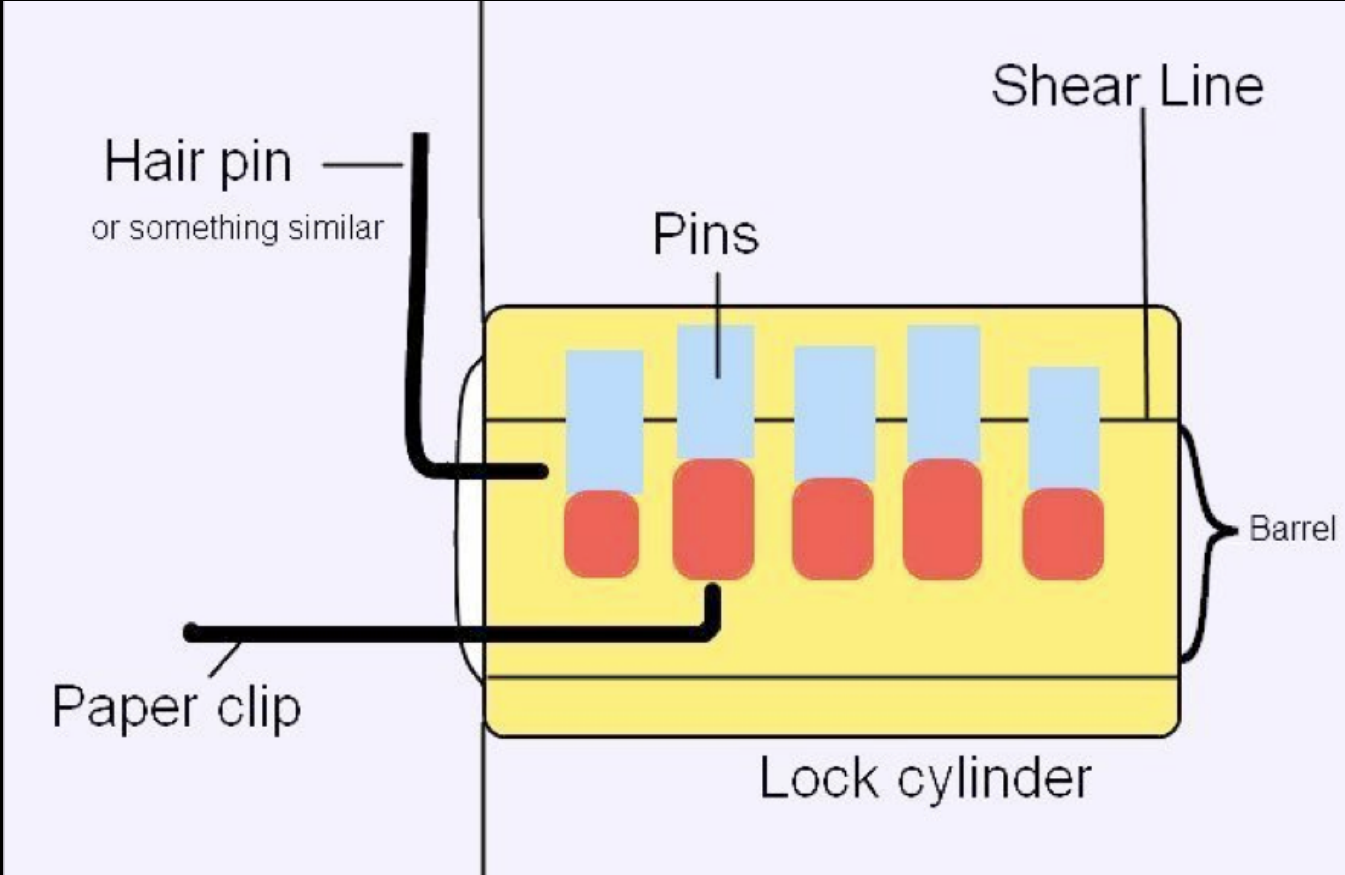


Probe-heads

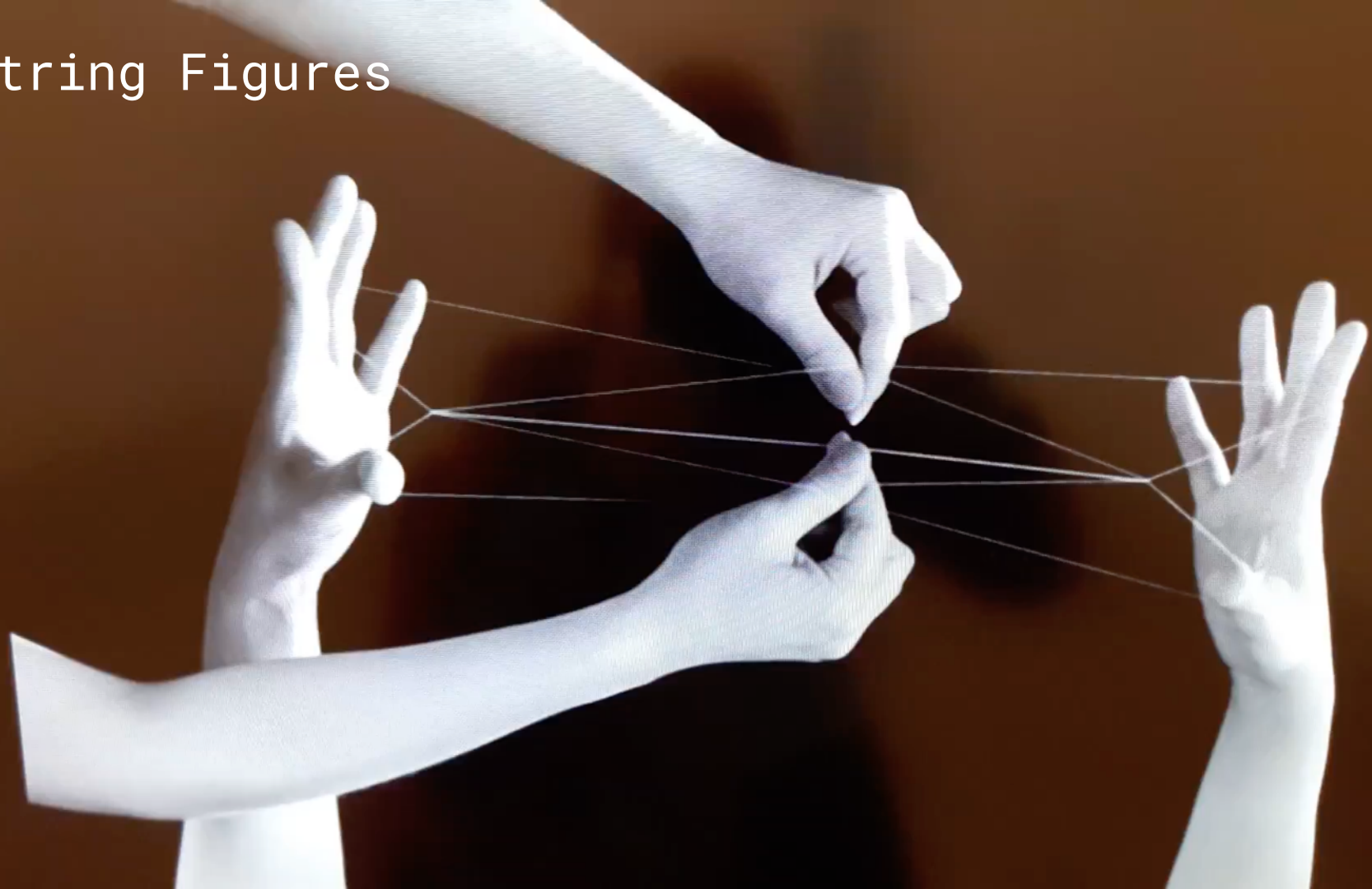
Holes



# Picklocks



# String Figures





 Palantir



CHRIS ANDERSON SCIENCE 06.23.08 12:00 PM

# THE END OF THEORY: THE DATA DELUGE MAKES THE SCIENTIFIC METHOD OBSOLETE



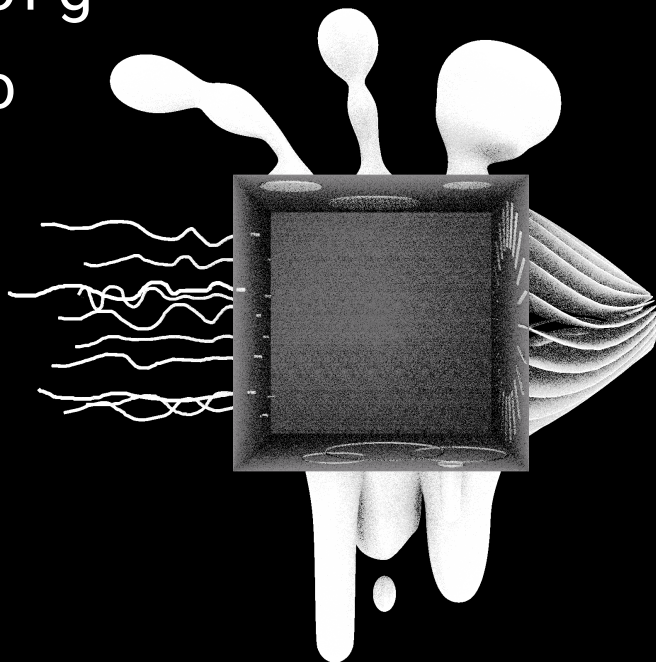
Can machines predict anything other than a coarse conservative version of the past?

How do we to contrast the algorithmic manoeuvres that cull the possible by turning it into the probable?

How do we diagram potential, “all those ‘might haves’ or ‘could bes’ implicit in situations”?

Betti Marenko  
Bettimarenko.org  
@Betti\_Marenko

David Benqué  
davidbenque.com  
@davidbenque



**ual:** university  
of the arts  
london  
central  
saint martins



Royal College of Art

Microsoft Research