Opening to *Manufactured Landscapes*, Edward Burtynsky

Our choices – in the tools that we use, in the way that designs are produced, and in the way they are consumed – is part of the responsibility of the designer

Unit 10

What do the technical choices we make say about our values and what we want from society?

How can we experiment with new technology and stay human?

How can we comment on our current techno-centric design culture?

Where does the human hand end and the technology begin?

As the media philosopher Vilém Flusser put it, "tools […] are extensions of human organs: extended teeth, fingers, hands, arms, legs." [10] Preindustrial tools, like paintbrushes or pickaxes, extend the biomechanics of the human body, while more sophisticated machines extend prosthetically into the realms of information and thought.

Building an awareness and opinion about technology & automation

Technology Centered Design

vs

Human Centered Design

The Glass Cage, Nicholas Carr

DON'T consider the Police Officer at Corners or Cross Roads your enemy.

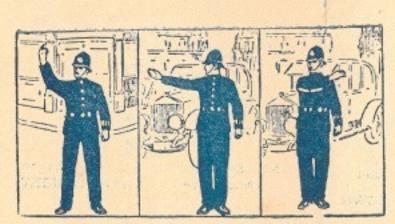Consider that he is regulating the traffic just as much for your safety as the other approaching drivers.

Signal No. 1.— To halt a vehicle approaching from the front.

Signal No. 2.— To halt a vehicle approaching from behind.

Signal No. 3.— To halt vehicles approaching simultaneously from front and behind.

PLEASE REMEMBER!!

The Car approaching you on your **Right Hand** always has the **Right of Way.**

Practise this rule and *AVOID COLLISIONS.*

REMEMBER That a Motor Car is a beautifully constructed Machine; some of the parts such as Pistons, Connecting Rods, Gears and Differentials are made to fit as close as the thousandth part of an inch, and in order to get long life of these delicate parts you must have the best Lubricants available, so as to avoid rapid wear and consequent depreciation of your Car.

Signal No. 4.— To bring on a vehicle halted by Signal No. 1.

Signal No. 5.— To bring on a vehicle in other circumstances (first position)

Signal No. 6.— The finish of this signal to be used except when No. 4 applies.

Be always considerate for the Police Officer.

His is a hard job Don't try to abuse him when he points out your faults. You have them just the same as anyone else.

The practise of Courtesy and Consideration for other Motor Drivers will bring the same result to yourself.

THE MOST WONDERFUL MOTOR OIL IN THE WORLD IS

"VALVOLINE"

It is not only more serviceable, but will actually last longer than any other oil without impairing its efficiency.

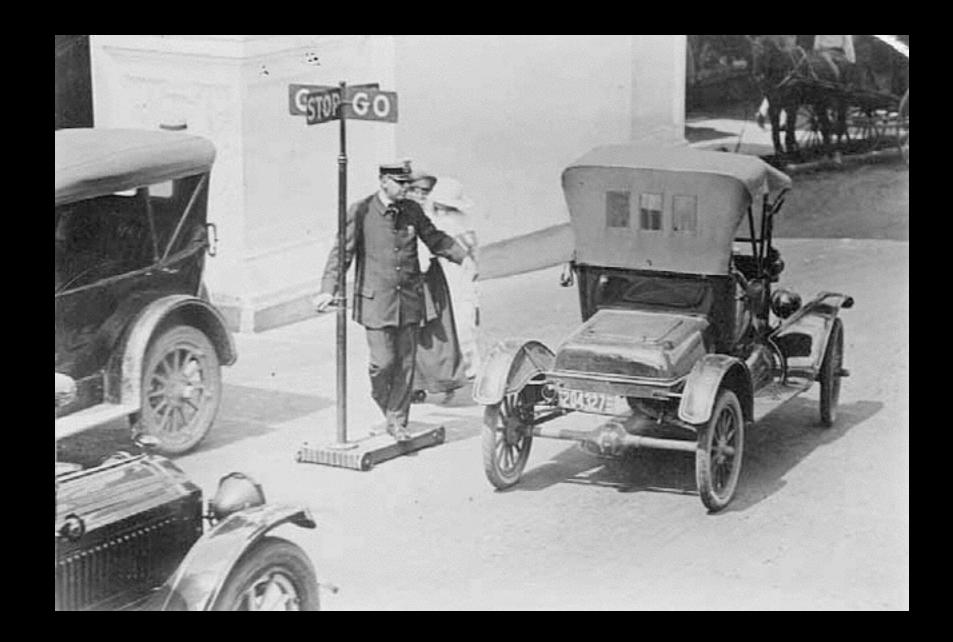The same may be said of **"KEYSTONE" MOTOR GREASE**

You must try these BEAUTIFUL LUBRICANTS to be convinced.

KURT CAVIEZEL RED LIGHT
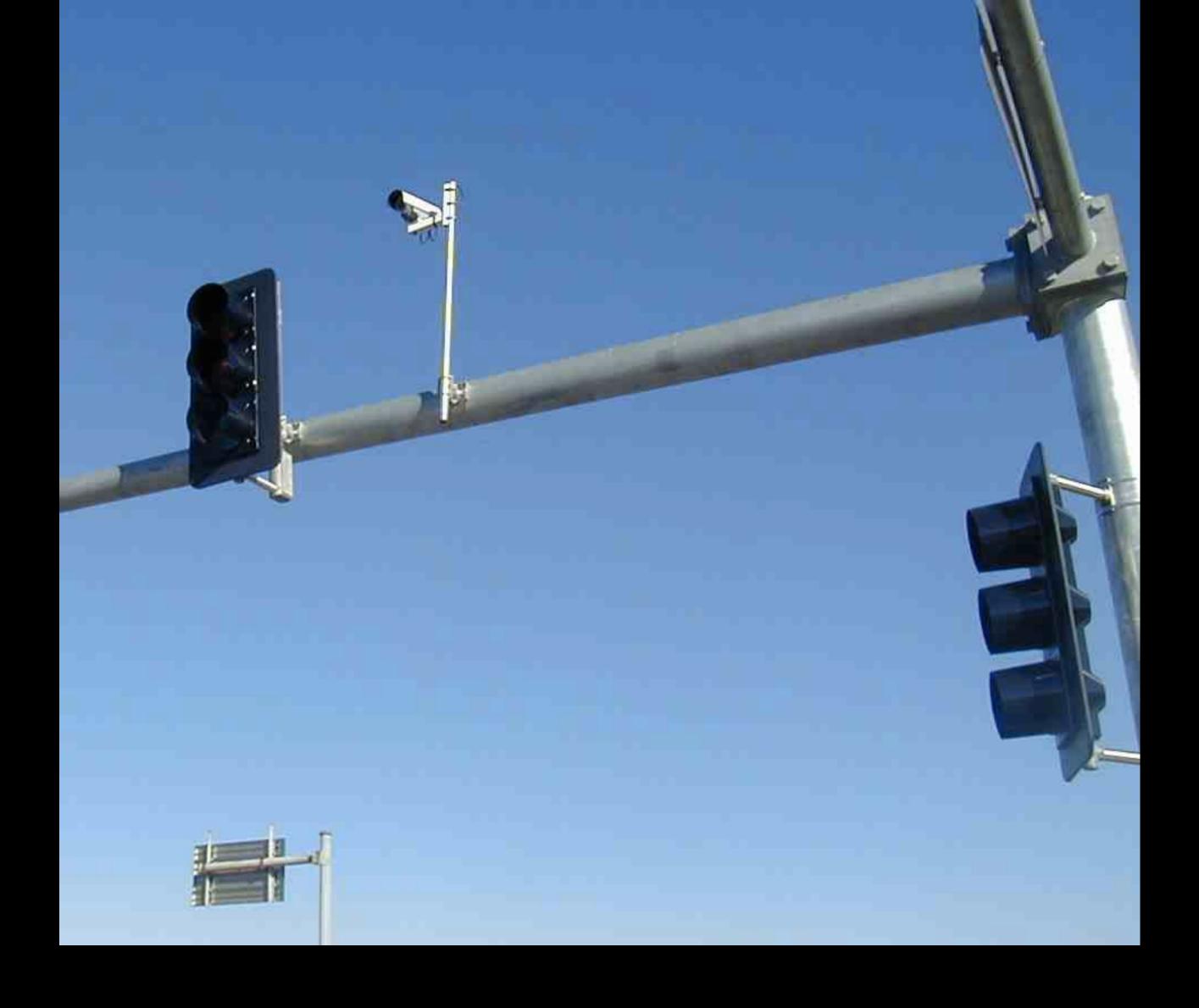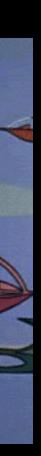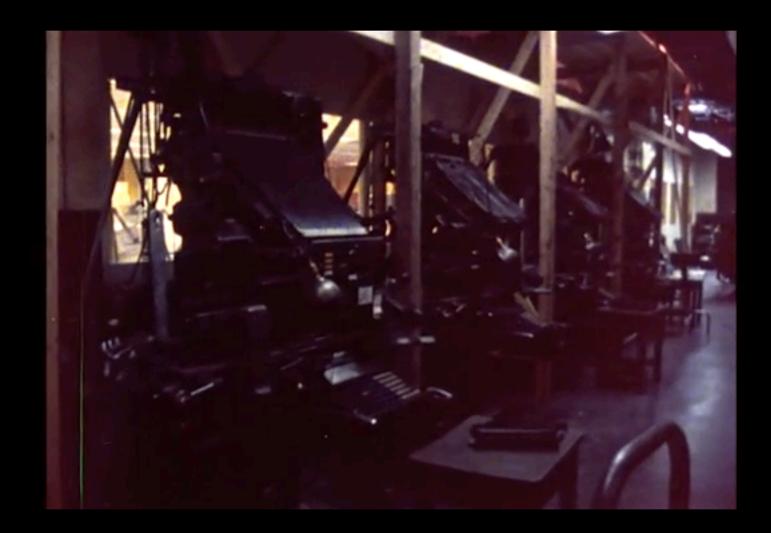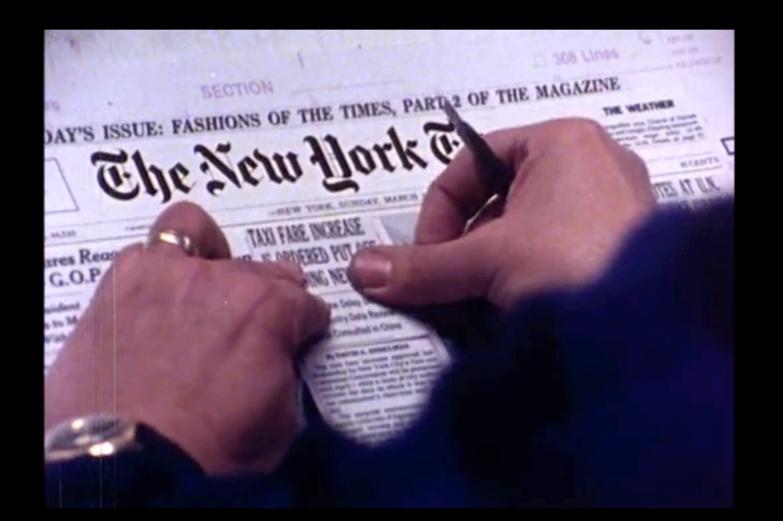
Salvation lies, not in the pragmatic adaptation of the human personality to the machine, but in the readaptation of the machine, itself a product of life's needs for order and organization, to the human personality.
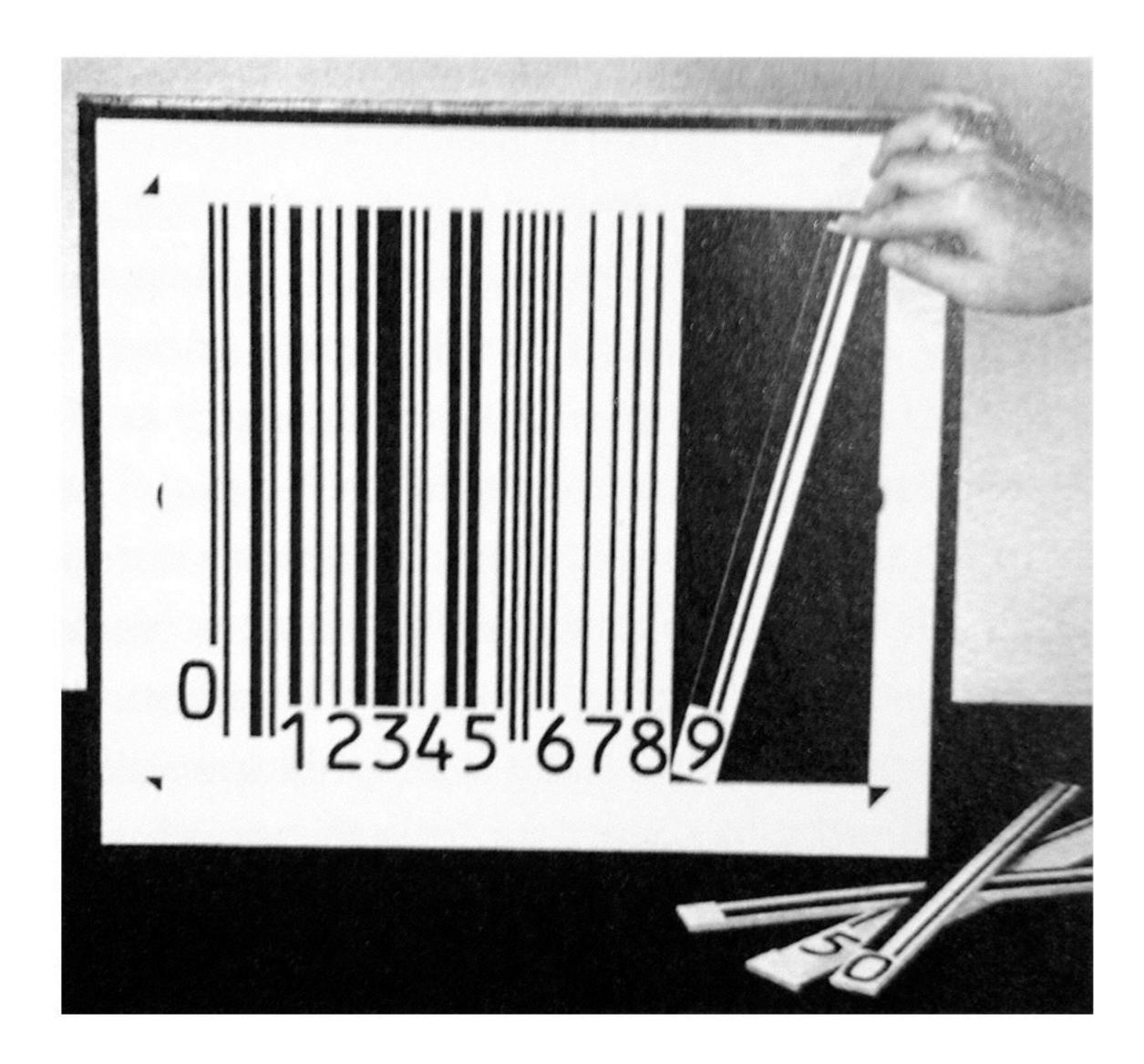
Lewis Mumford, from *Art and Technics*

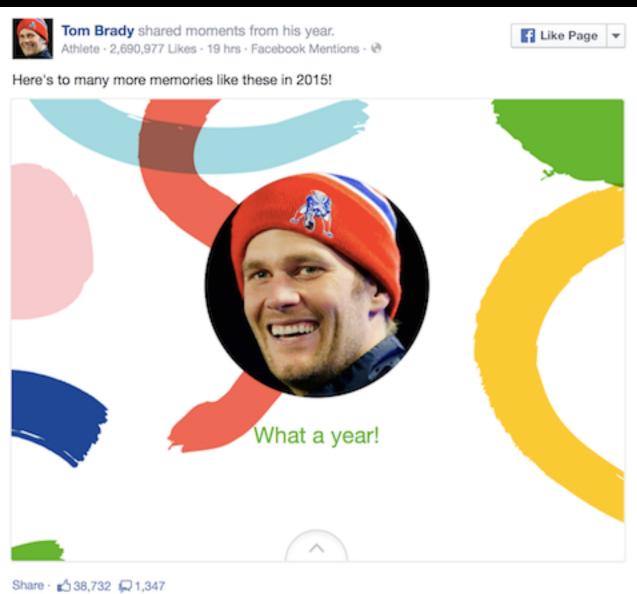*Farewell etaoin shrdlu*, 1978

Amazon Distributed Warehouse

The progressive effect of automation is first to relieve the operator of manual effort and then to relieve him of the need to apply continuous effort.

Type designers are making more and more of the decisions that used to be left to the typographer. Scripting can build in many of those decisions.

Sharp tools dull minds

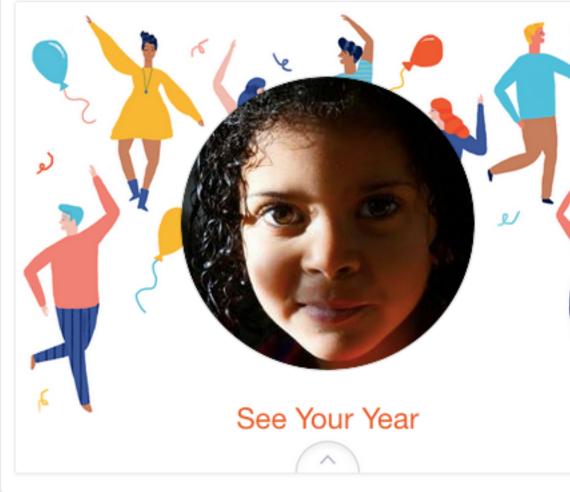**Machine intelligence increases the likelihood and need for automation**

Facebook Year in Review

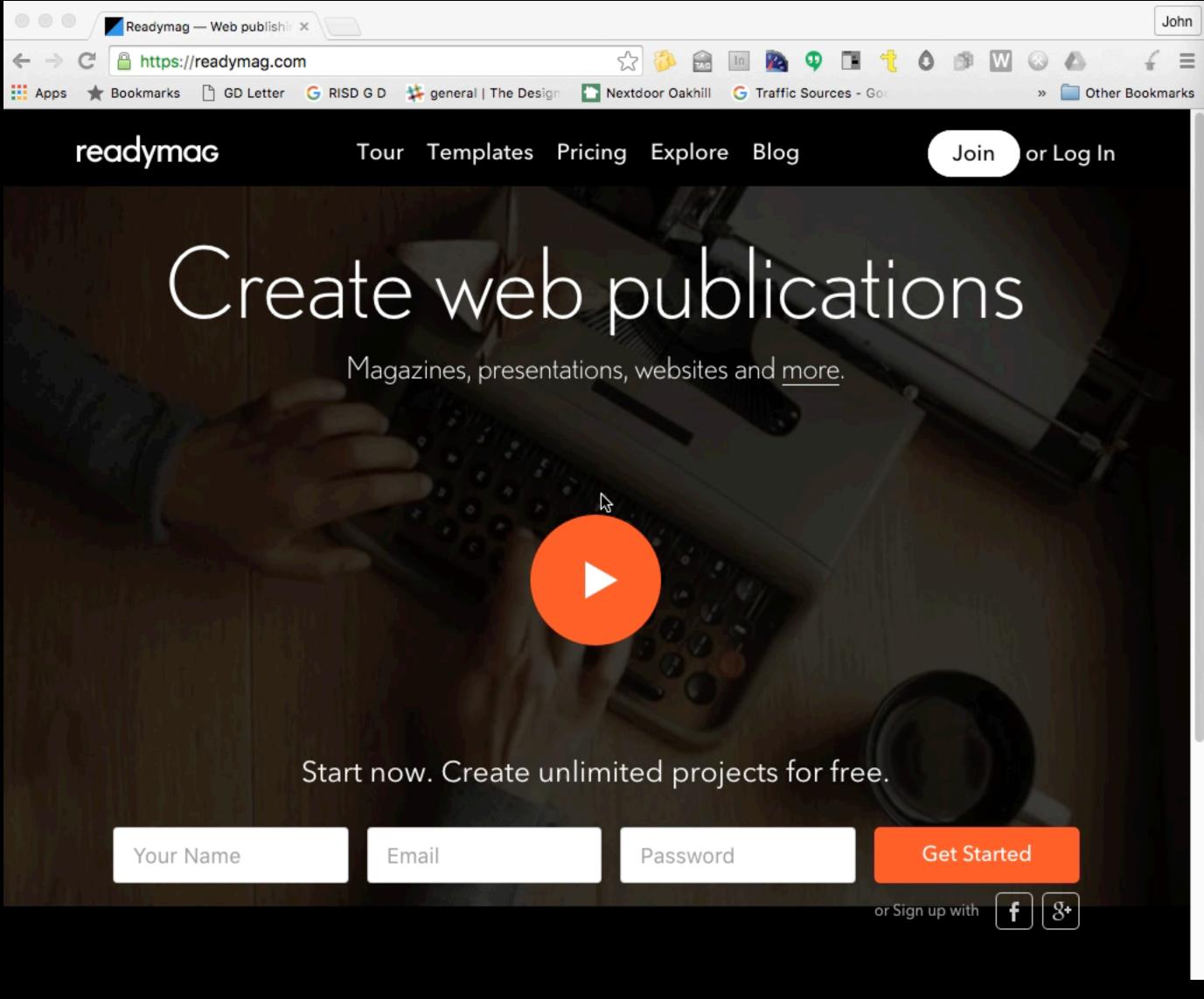readymag   Tour   Templates   Pricing   Explore   Blog   Join   or Log In

Create web publications

Magazines, presentations, websites and more.

Start now. Create unlimited projects for free.

| Your Name | Email | Password | Get Started |

or Sign up with   f   g+
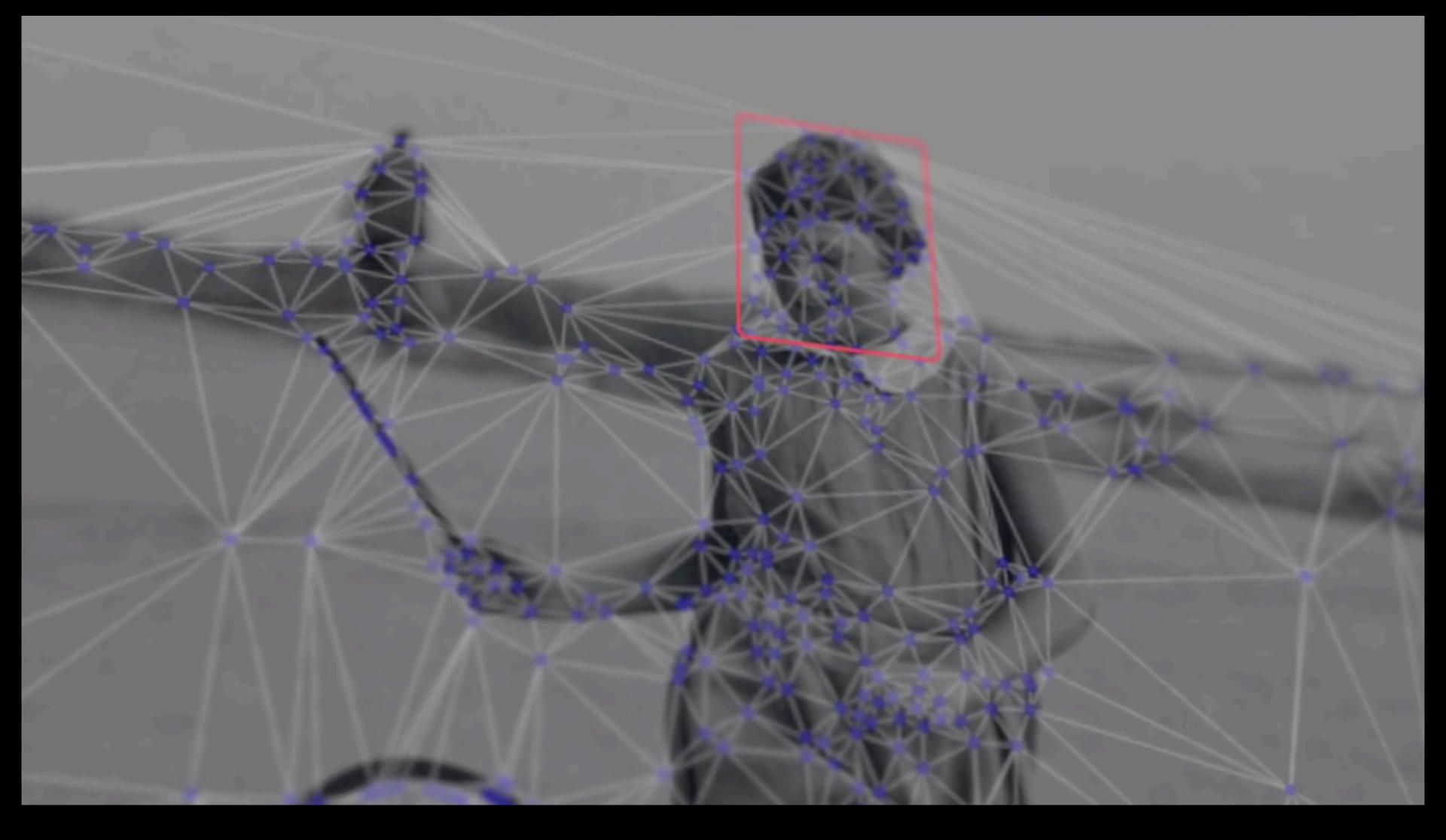
A generating system is not a view of a single thing. It is a kit of parts, with rules about the way these parts may be combined.
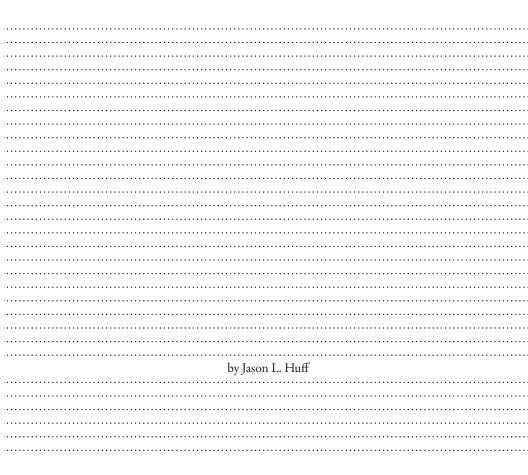
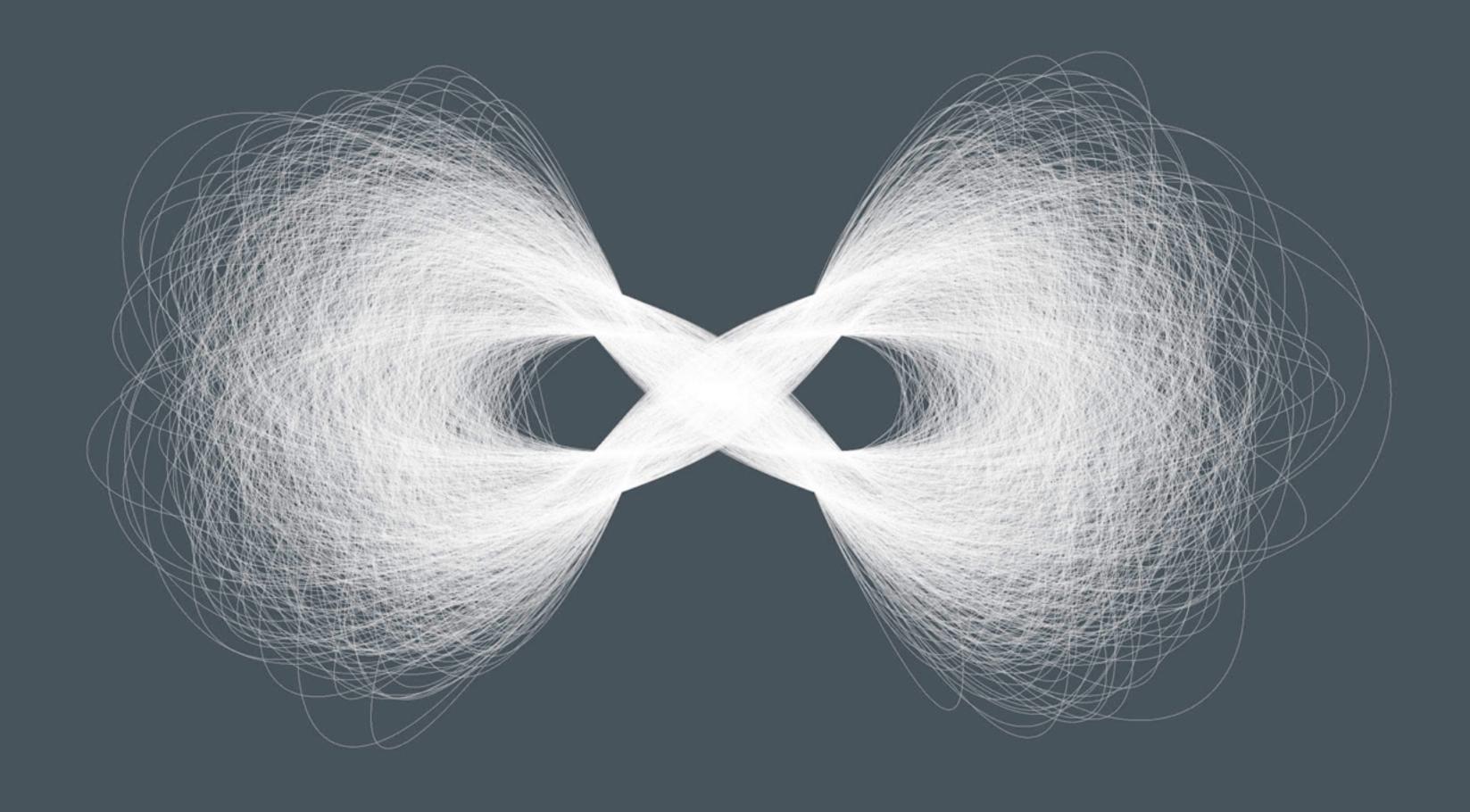# AutoSummarize

by Jason L. Huff

<u>Slide Projector</u>
80 x 35mm slides in plastic mounts

The slide projector carousel holds 80 slides. The carousel
rotates 4.5 degrees to advance from one slide to the next.
Each time the carousel advances, the projected picture of the
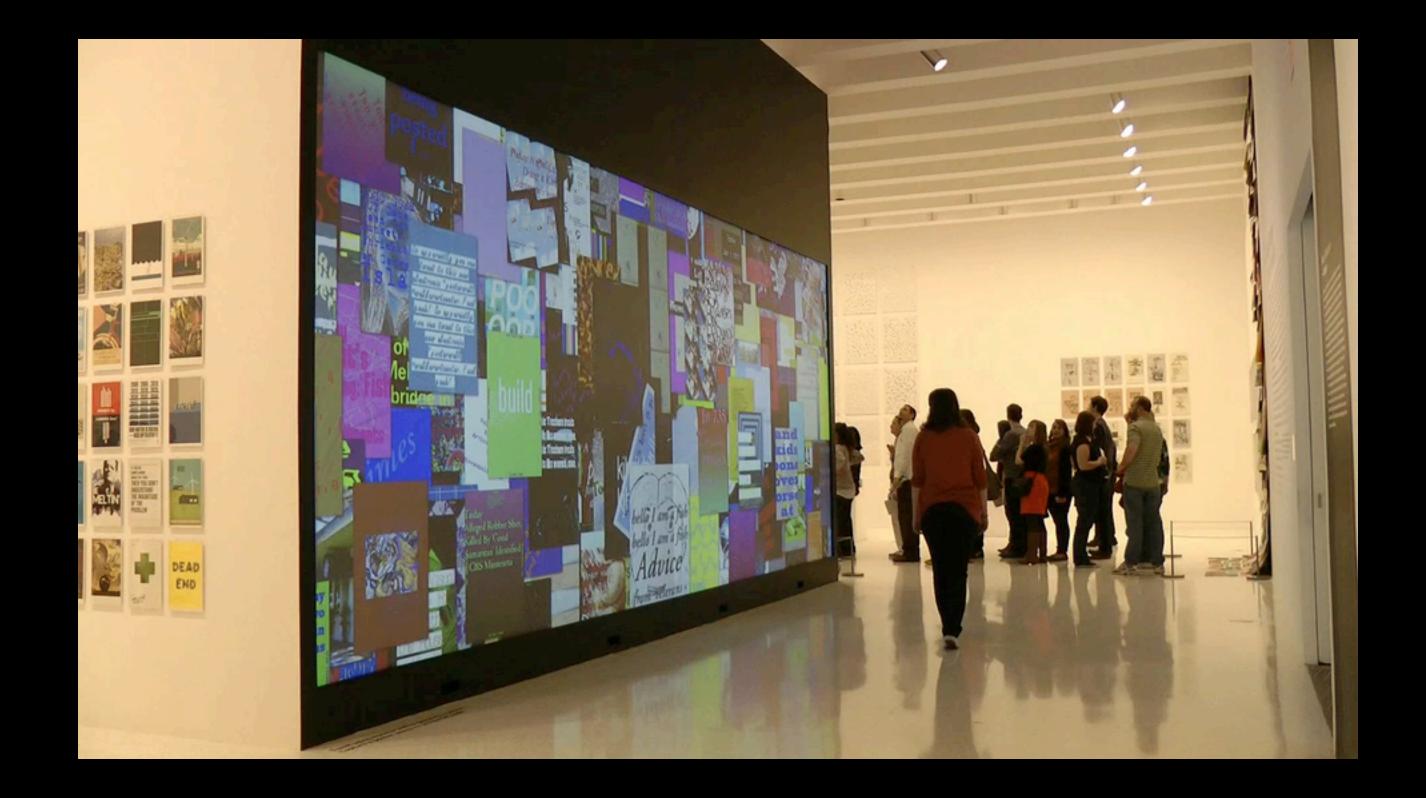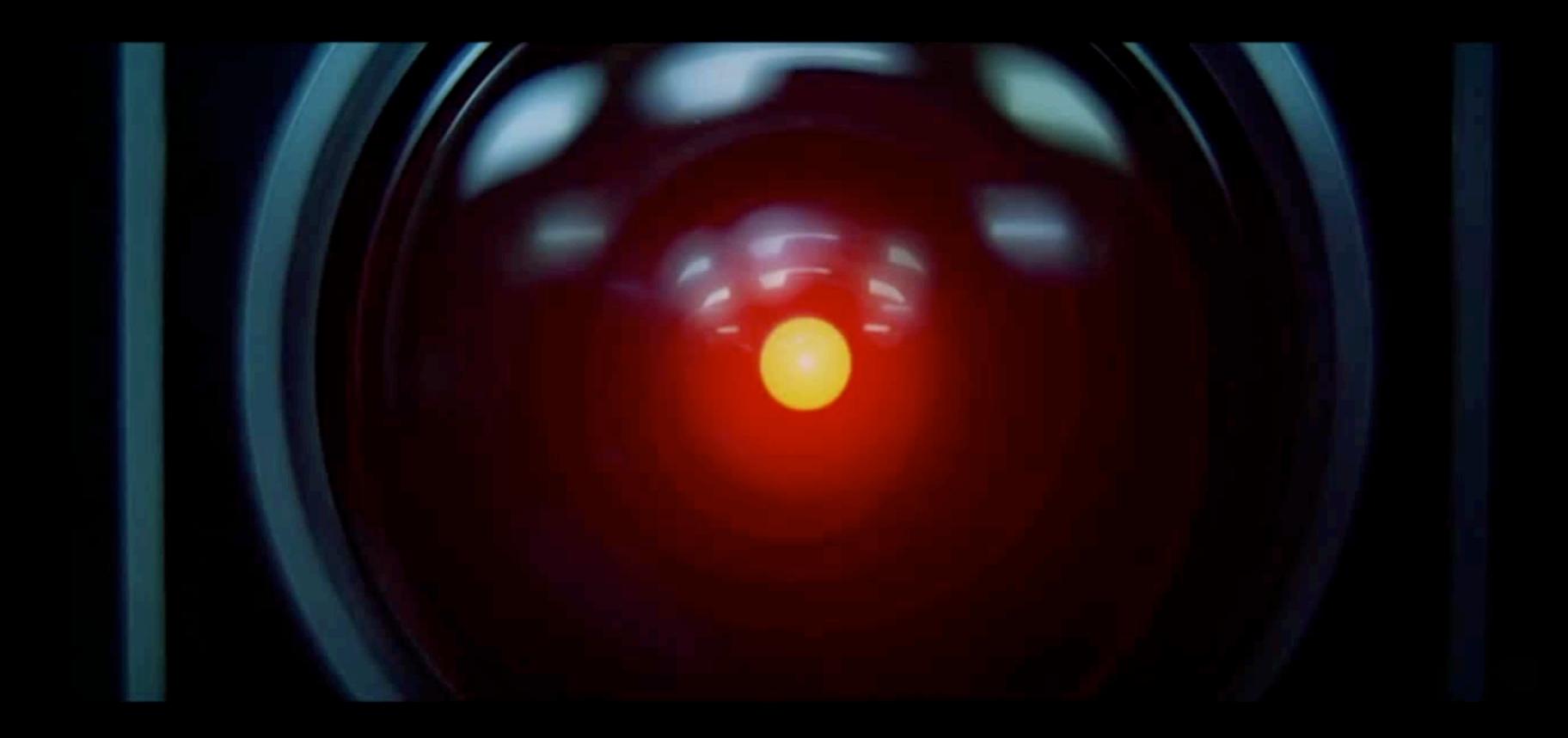slide projector rotates the same amount as the carousel.

Prev | Next   1/80

Artificial intelligence has become vastly more sophisticated in a short time, with machines now able to learn, not just follow programmed instructions, and to respond to human language and movement.
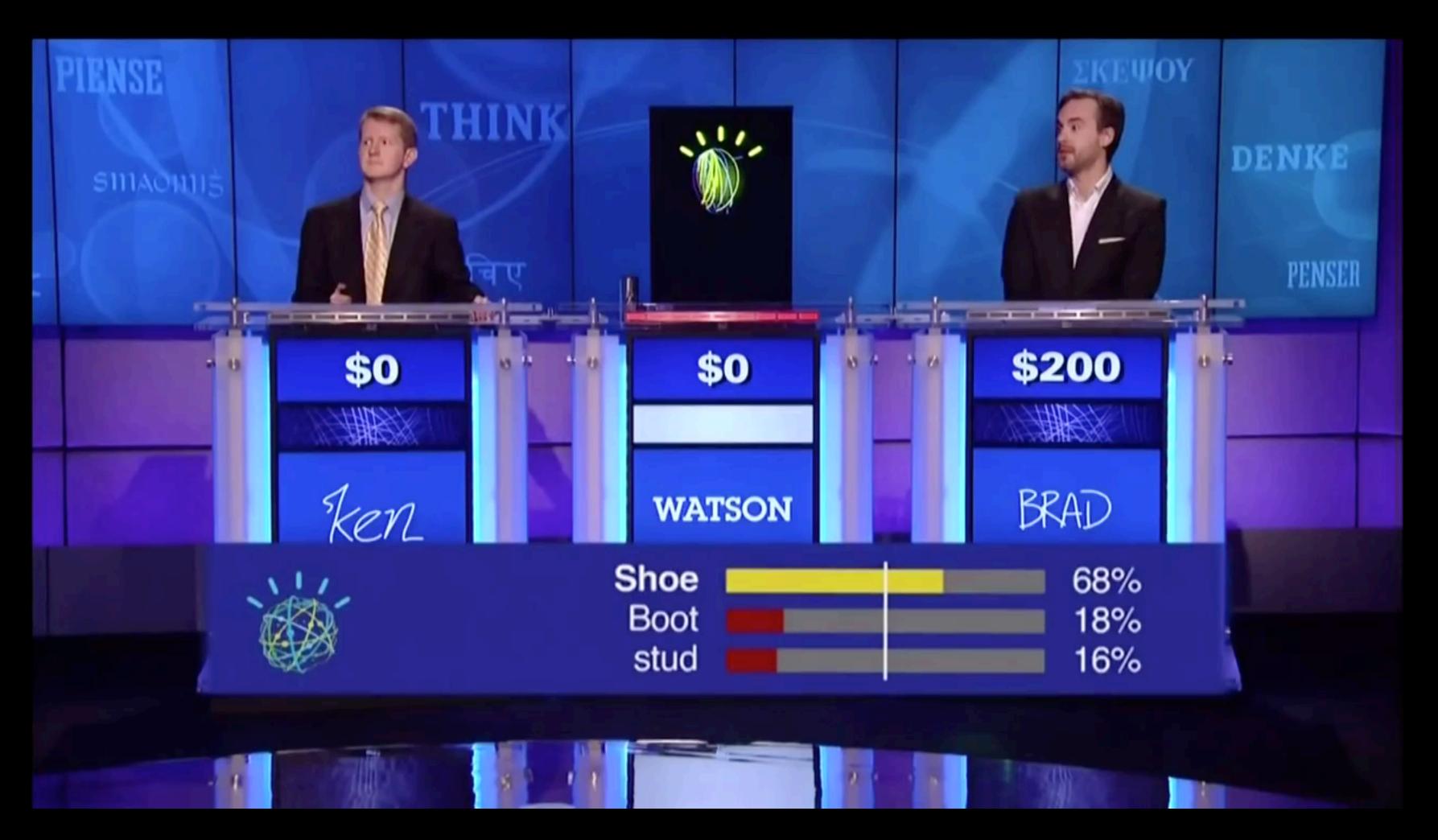
Jeopardy with Watson

Lawrence H. Summers, the former Treasury secretary, recently said that he no longer believed that automation would always create new jobs. "The answer is surely not to try to stop technical change," Mr. Summers said, "but the answer is not to just suppose that everything's going to be O.K."

Corporate Futurologists force-feed us a 'happy-ever-after' portrayal of life where technology is the solution to every problem. There is no room for doubt or complexity in their techno-utopian visions.

Google Glass

Possibility 1:

Critical Design / Speculative Design

But in the coming years, [design] has to help us think our way out of the mess we are creating. One way of doing this is to make different futures tangible so that we can debate them and hopefully, make sure that the most desirable ones happen and the least desirable ones can be avoided. Then once we have identified which ones we desire, design can help us get there.

Possible

Plausible

Preferable

Present

Probable

CONE OF PREFERABLE FUTURES
BASED ON STUART CANDY'S DEPICTION
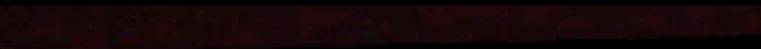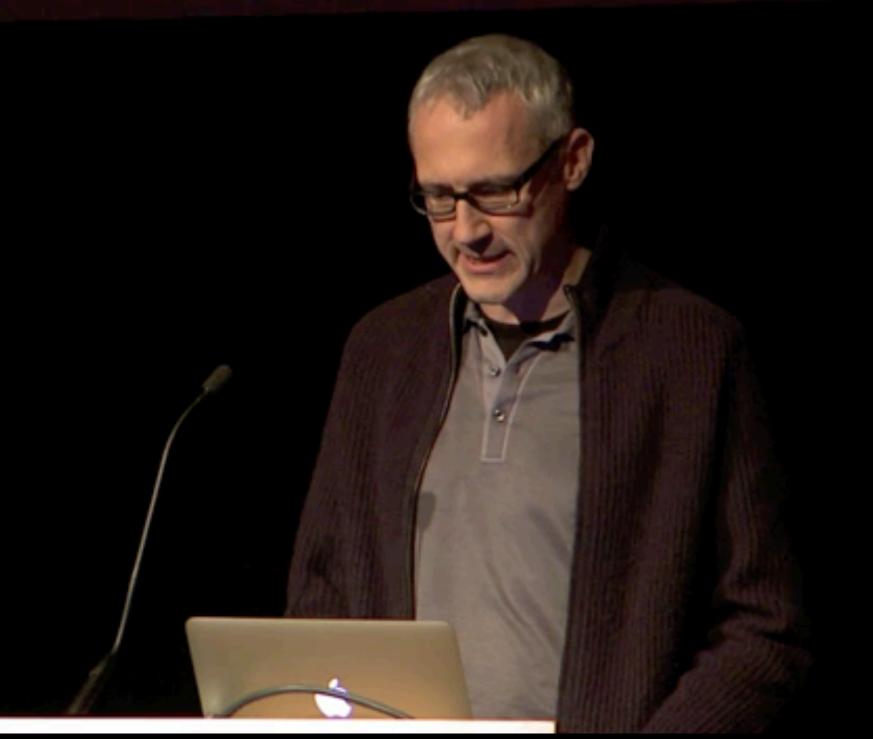DUNNE & RABY, "SPECULATIVE EVERYTHING"
MIT PRESS 2014
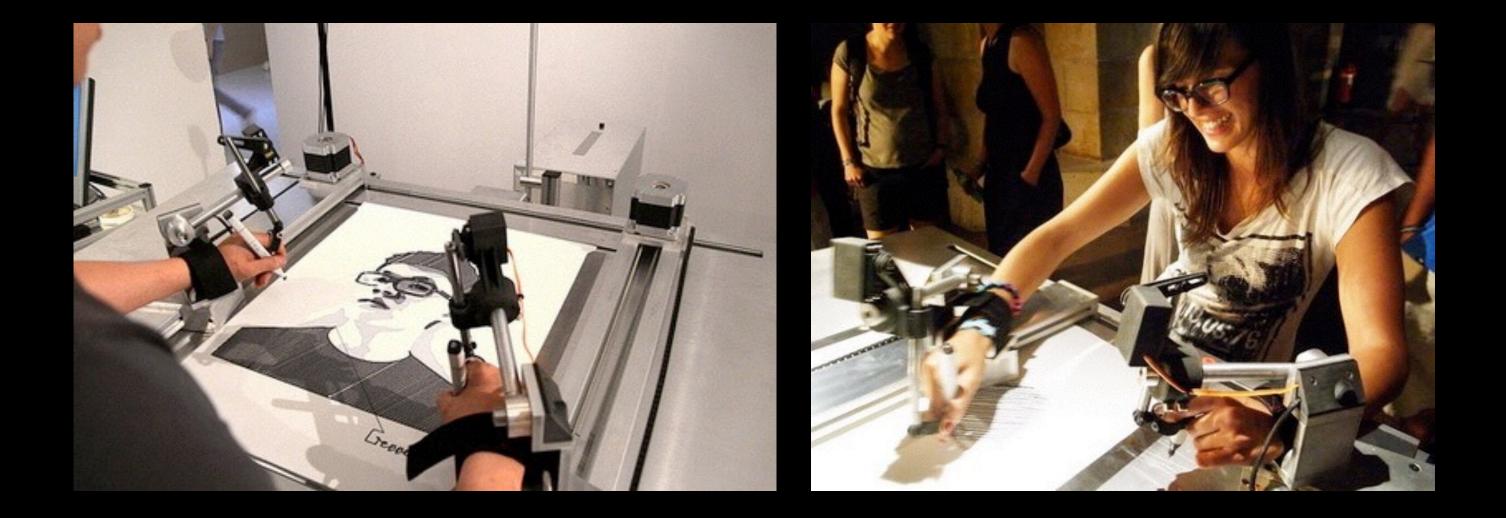
Baker Tweet, Poke 2009

Self Portrait Machine, Jen Hui Liao

Self Portrait Machine, Jen Hui Liao
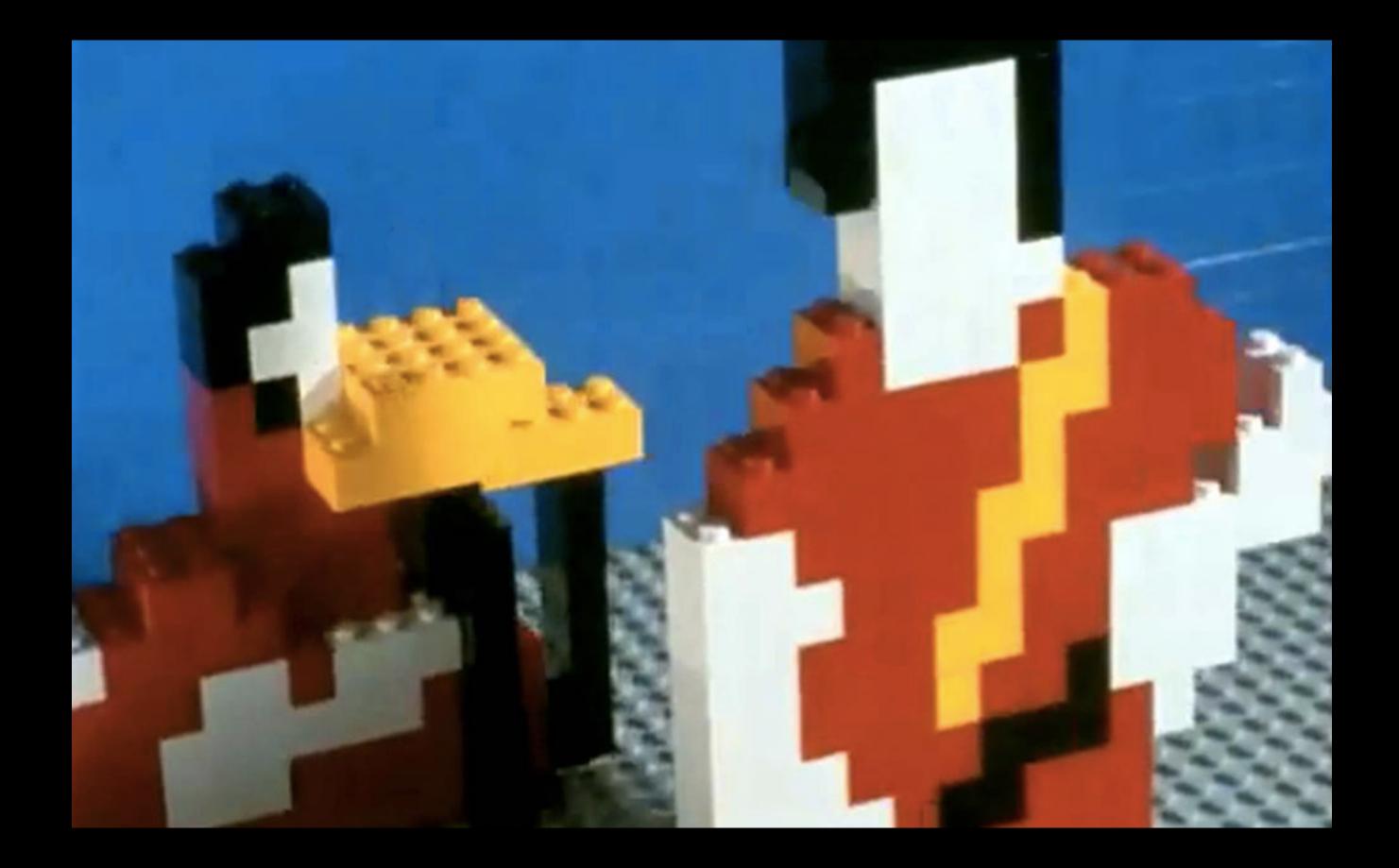
Possibility 2:

Technohumanism?

Daniel Eatock, *Hand-cut paper clip*

FIFTEEN MINUTES COULD SAVE YOU HALF AN HOUR OR MORE

JANUARY 16, 2010
—MAY 23, 2011

about in the beginning was I'm
do one thing for money and one
I just think that is a dead end so
I'm doing , I'm doing and I make
two things align and you make
and affordances and all sorts of
make that happen. It's taken
really be plausible but I never
idea that I'm going to do this one
going to pay me a lot of money
to do these other things that are
So I never do low paying work
do I fool myself with the other
both those things are important
to a lot of things that sound great
say I don't have the money I don't
money and they are not going to
seriously and it leads to all sorts of
so just make sure these things are
care of. I always think it's super im
as well reflect that in the way you
other people. I never do anything
you don't do anything at a reduced
you don't ask anybody else to do that
I think that's really important.
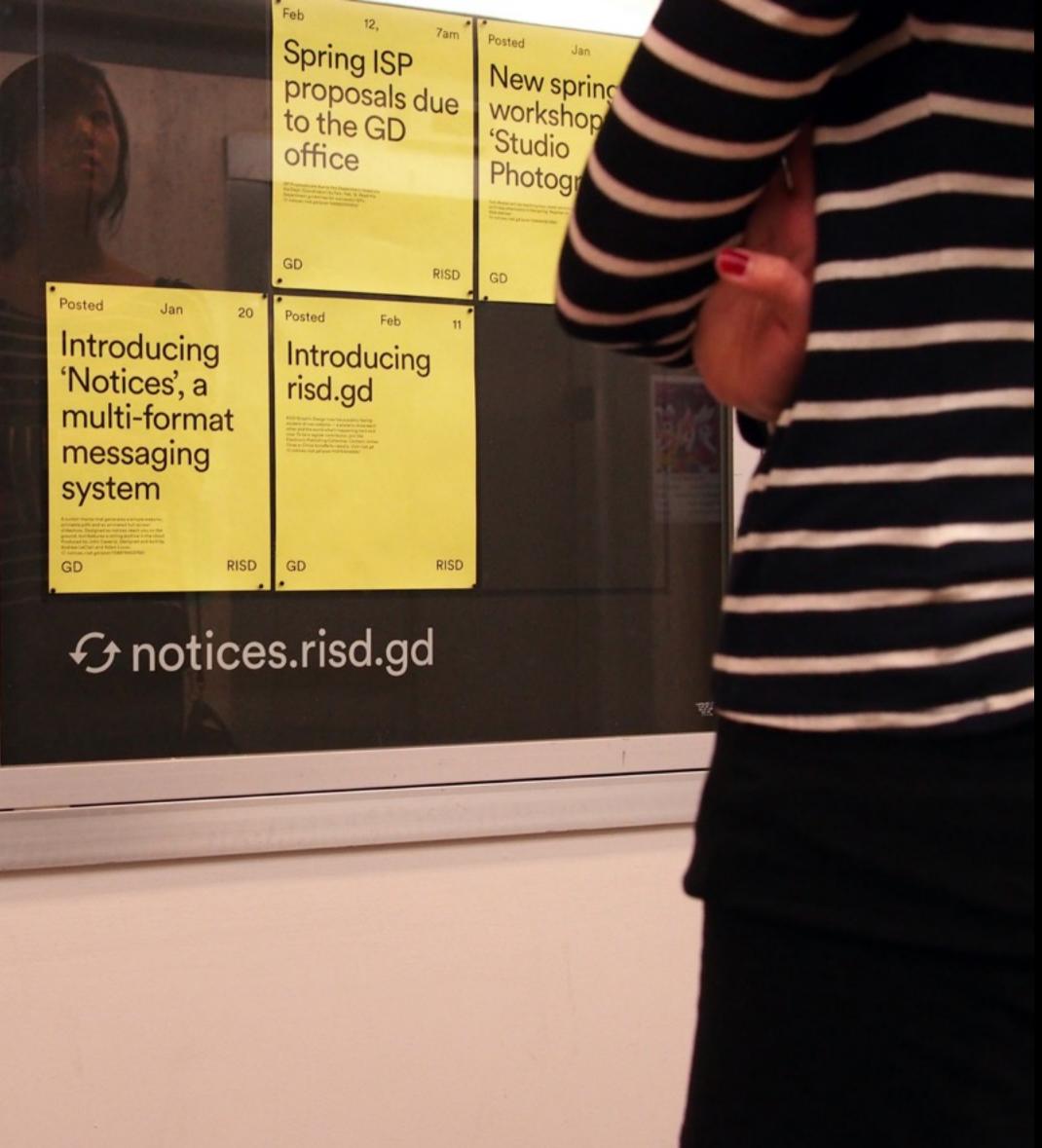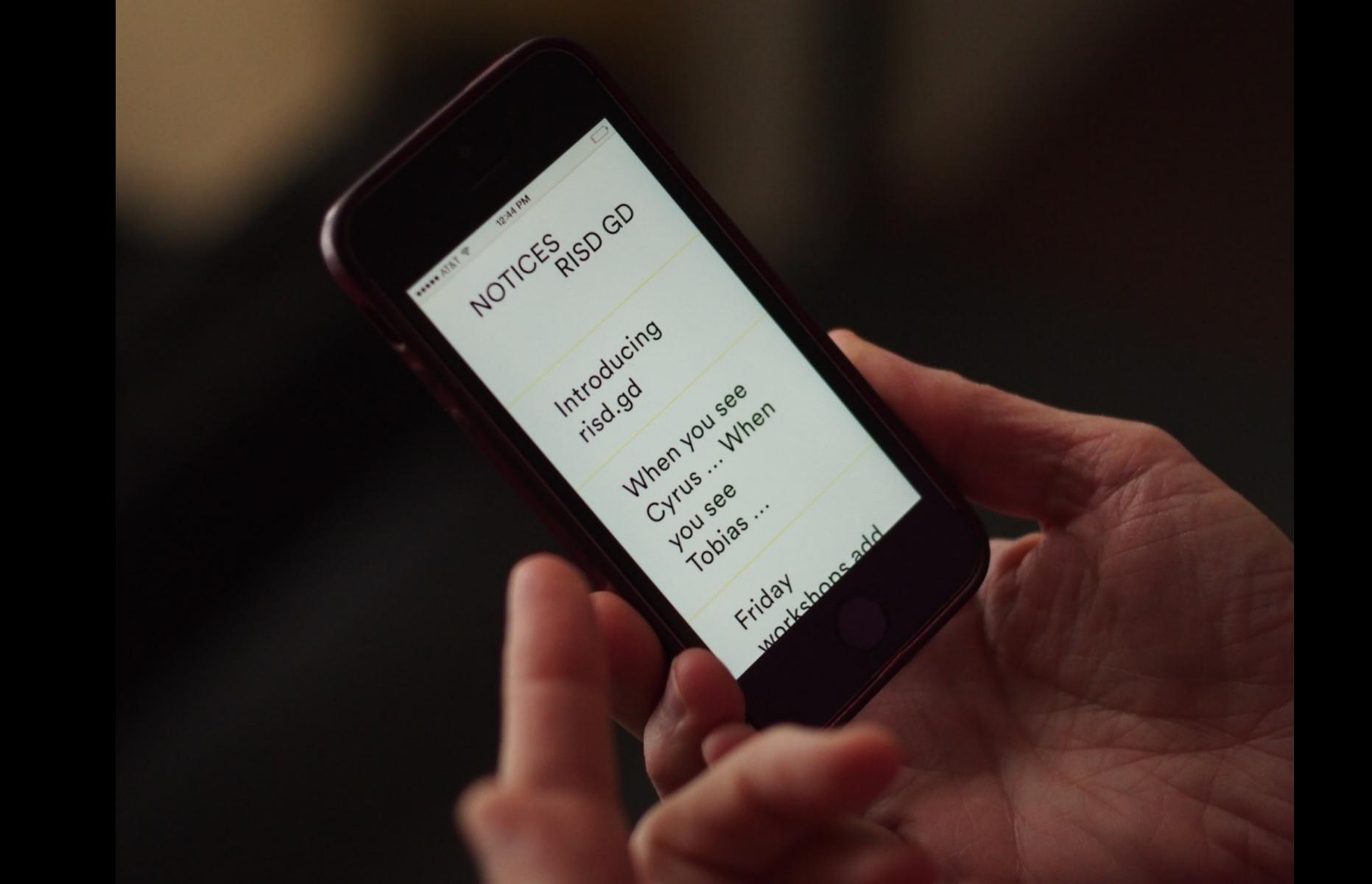
David Reinfurt at Dexter Sinister in New York City
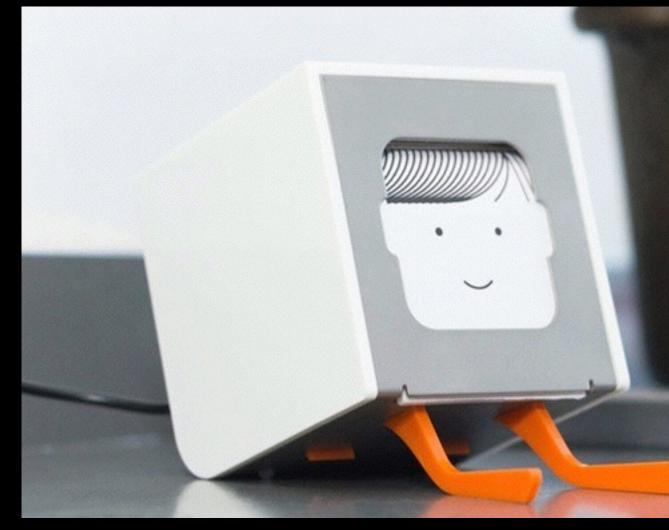
Feb 12, 7am

Spring ISP proposals due to the GD office

GD   RISD

Posted   Jan

New spring workshop 'Studio Photogr

GD

Posted   Jan   20

Introducing 'Notices', a multi-format messaging system

GD

Posted   Feb   11

Introducing risd.gd

GD   RISD

↻ notices.risd.gd

NOTICES RISD GD

Introducing risd.gd

When you see Cyrus ... When you see Tobias ...

Friday workshops add

Little Printer, From Berg Cloud

Italian Neighbors Build a Social Network, First Online, Then Off

By GAIA PIANIGIANI   AUG. 24, 2015

Residents of Via Fondazza in Bologna, Italy, at a neighborhood bar. The street's Facebook page has grown to 1,100 members. Nadia Shira Cohen for The New York Times
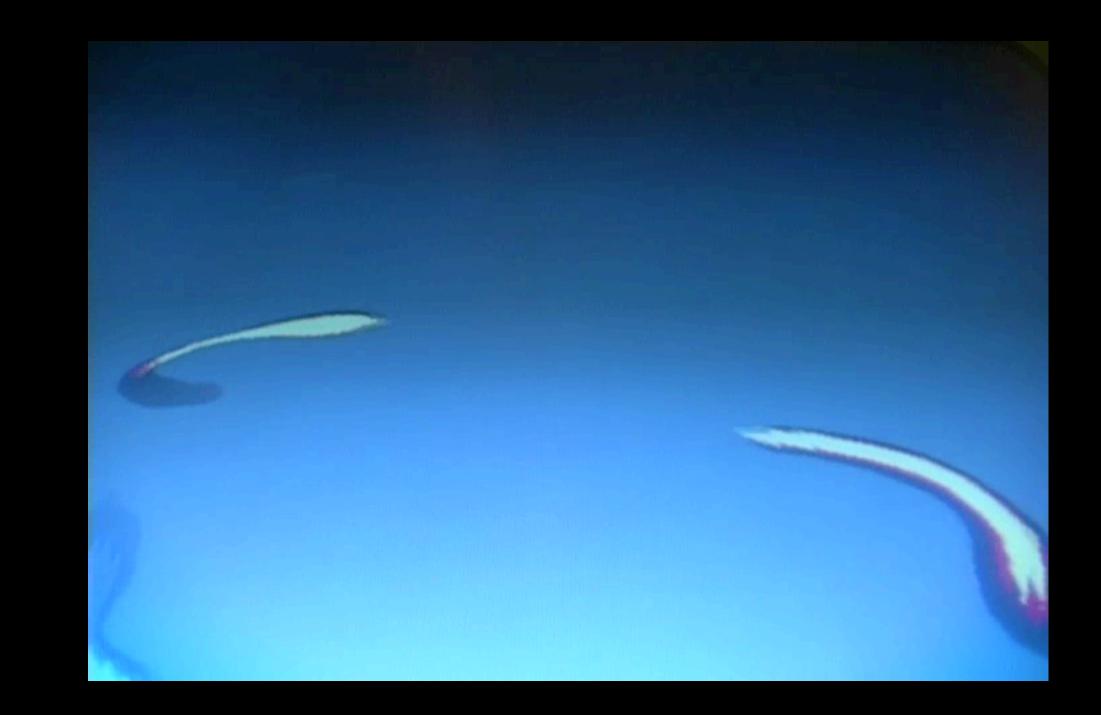
URBAN ECHO

r
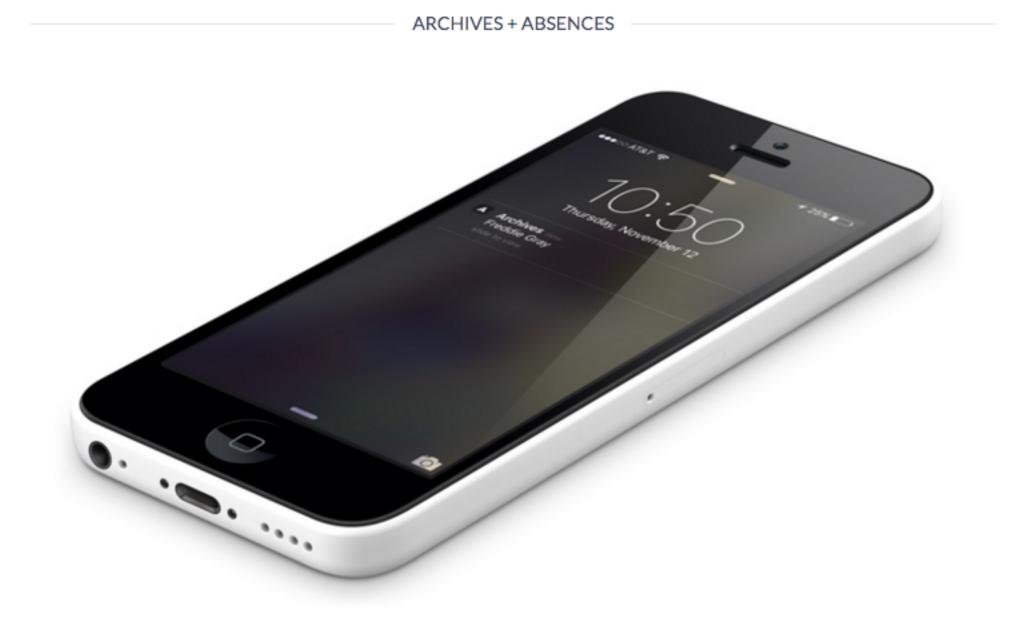
Jürg Lehni discusses
Viktor (2009)

Josh Begley

ARCHIVES + ABSENCES

Sends you a push notification every time the police kill someone in the United States.
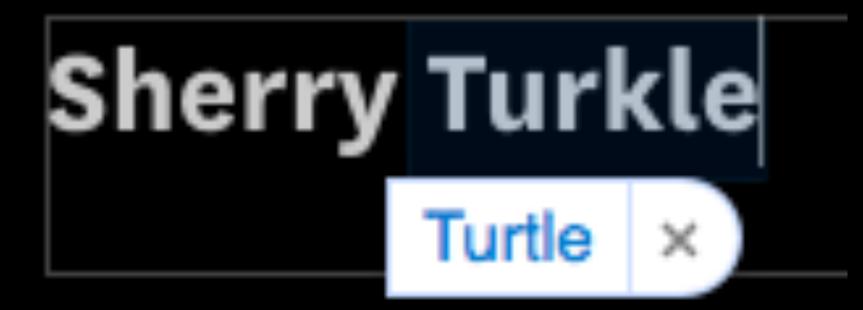
Somebody, Miranda July
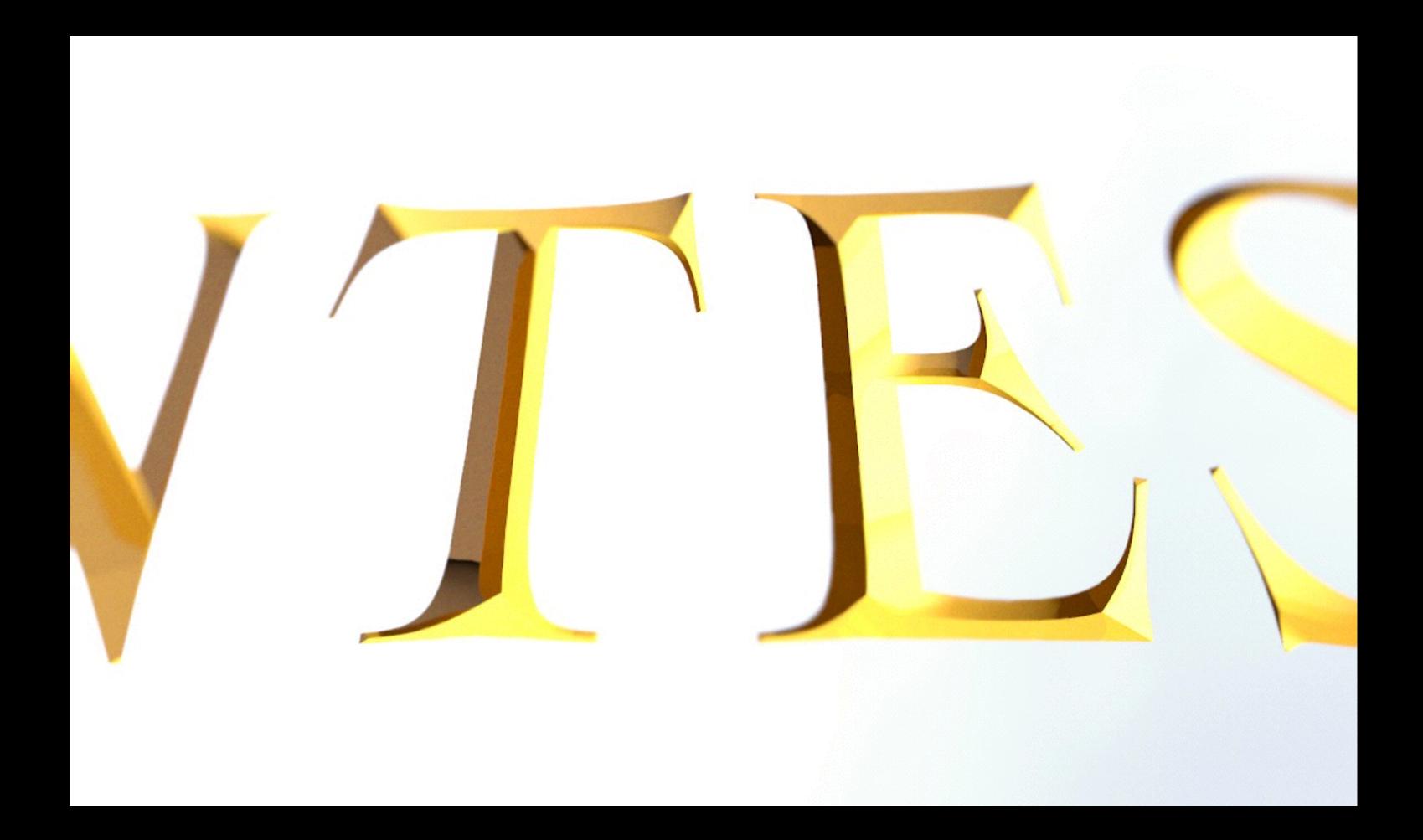
Values

Sherry Turkle

Sherry Turkle

Nick Bostrom

MARIA GIGLIOTTI
26·6·1987

BAMBINA GONNELLA
1-12-93

CLEMENTE DEL SANGRO
9·5·1976

LADIES
GENTLE
MEN

FONTES

EVERY PERSON
IS A PRISON
AND A CRANNY
AS WELL

EVERY PERSON IS A PRISON IS A CRANE IS A CELL

AABCCCCDDDDEEFF
GGGGGGGHHHIJJ
KKLMMMMNNNNOOO
PQQQRRSTUUUUVV
VWWWWXYZZZ
1234567890
(*★*) –––—†±†‡ .,...?! ""″‴‵

What do the technical choices we make say about our values and what we want from society?

Unit assignment:

Choose a manual action to automate, or

Choose an automated process and make it manual.

In order to participate (offer a point of view)
in the conversation around automation and design

For next week:

Make a presentation showing your source material, and propose various possible re-envisionings. Your proposal may use: other designer's work as reference, texts, sketches, etc.

For next week:

How are the scenarios different? What are its effects on social interaction? What is your point of view about technology's role through the project you are proposing?

Learning Objectives:

Form an opinion about the role of technology about the ways humans interact

Increase sensitivity to the integration of machines in everyday life

Communicate ideas beyond your ability to execute it.
Create a clear and coherent proposal/prototype

Become aware of speculative or non-functional
designs for rhetorical effect

Senior Show until 7:30p   *Woods-Gerry*

SeeHerWork until 9p   *GD Commons*