



INTERACTION DESIGNER
& COMPLEX SYSTEMS RESEARCHER

**WIESŁAW
BARTKOWSKI**

WIESLAW.BARTKOWSKI@SOF.EDU.PL



**CODE
ART
SCIENCE
DESIGN**

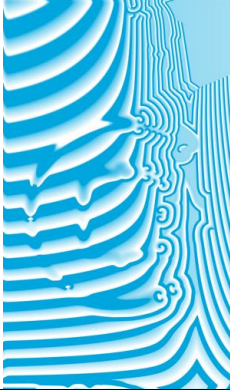
COMPUTER SCIENCE
HUMAN - COMPUTER INTERACTION
SOCIAL SCIENCE
COMPLEXITY SCIENCE

WWW.CREATIVECODING.PL



1

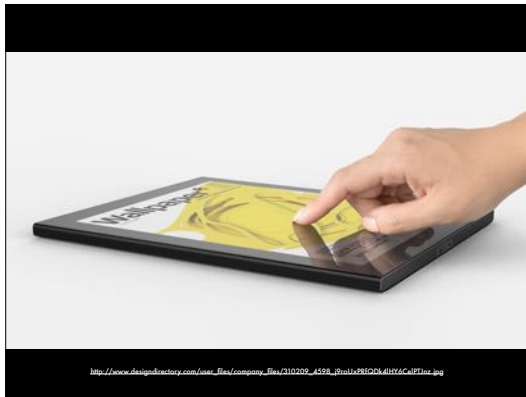
**EMBODIED
INTERACTIONS
BLENDING
BITS AND ATOMS**



2

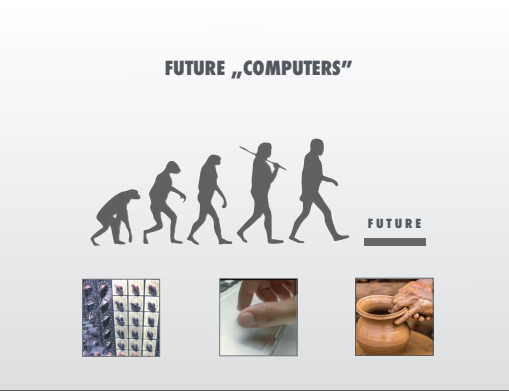


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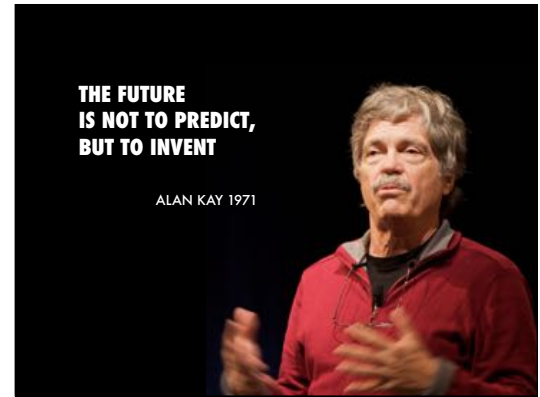


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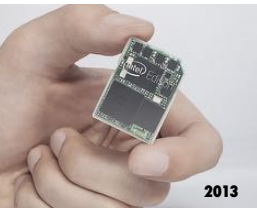
FUTURE „COMPUTERS”



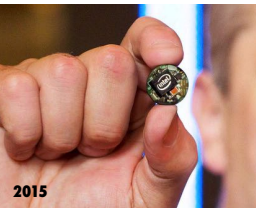
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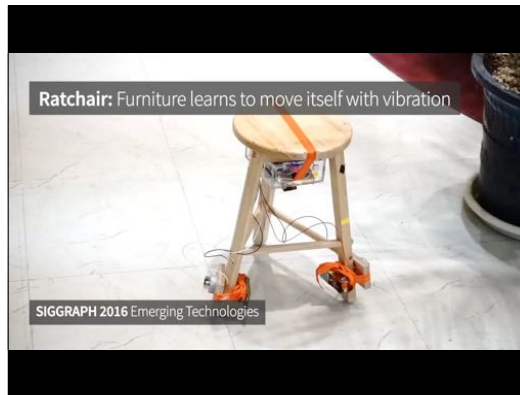
2013



2015

**INTEL EDISON, INTEL CURIE
EVERYTHING SMART
EMBODIED COMPUTING POWER**

7



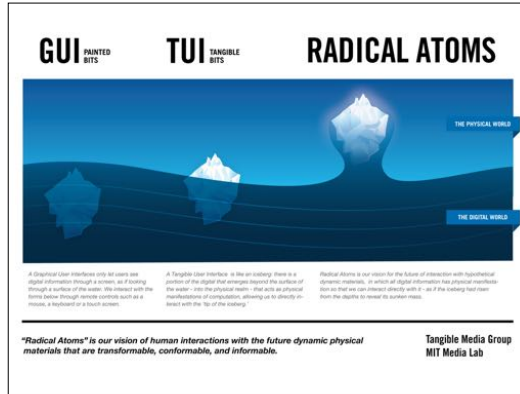
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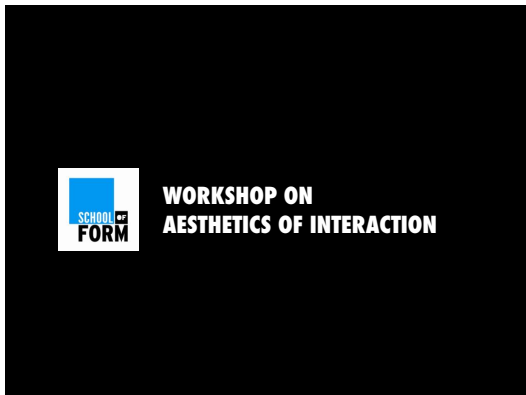
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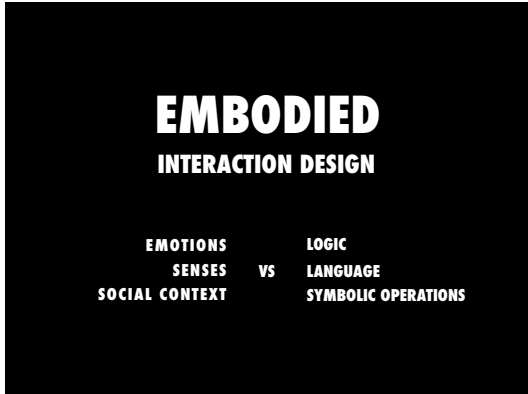
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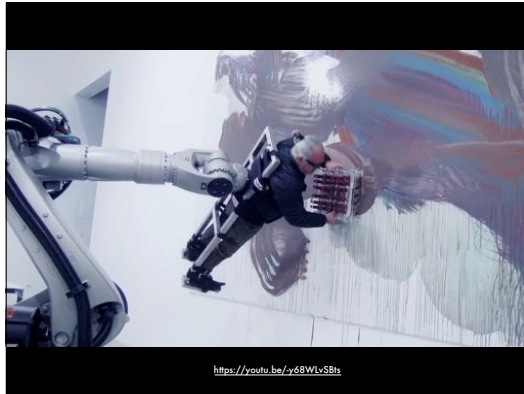
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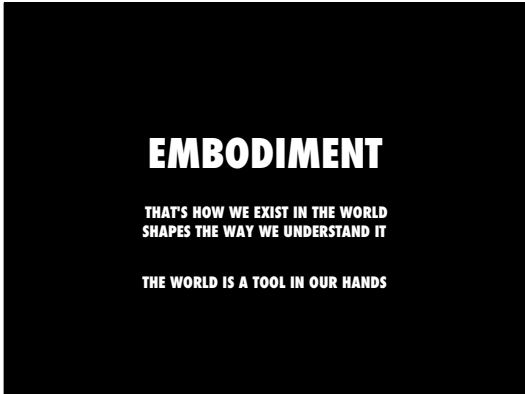
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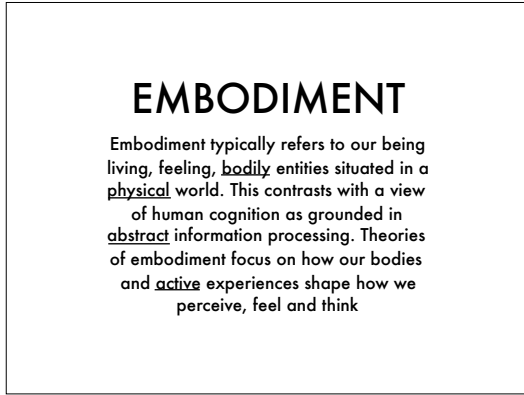
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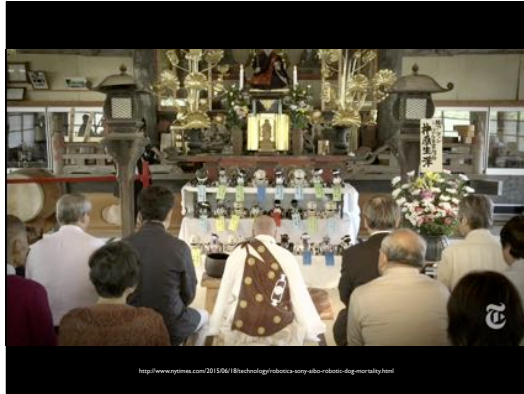
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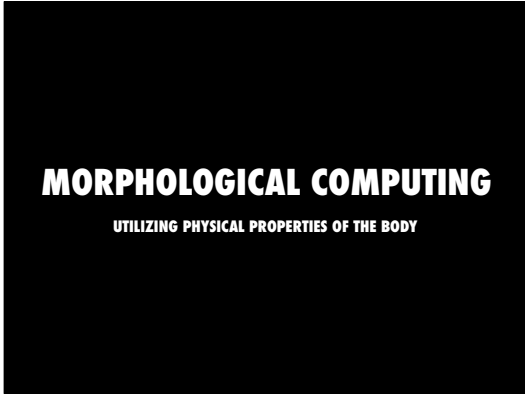
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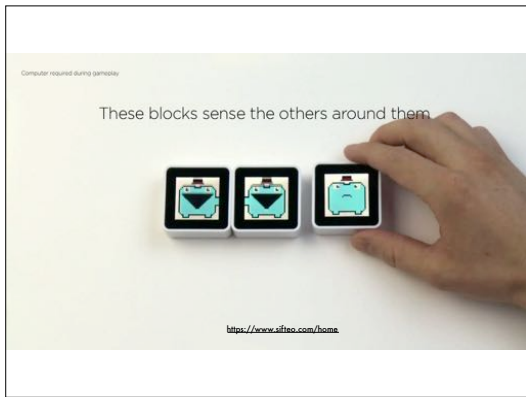
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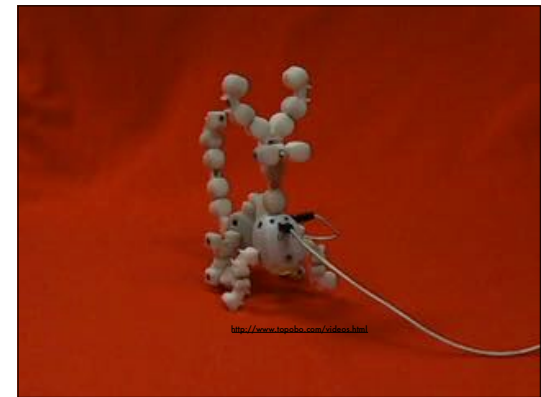
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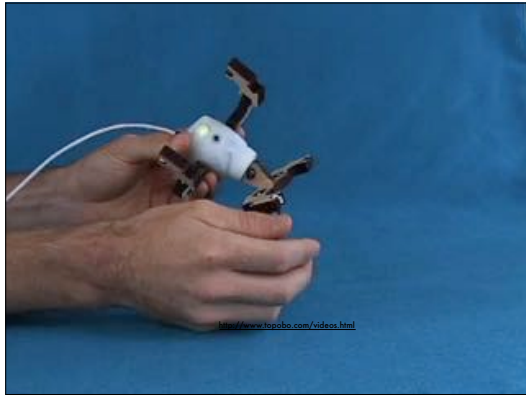
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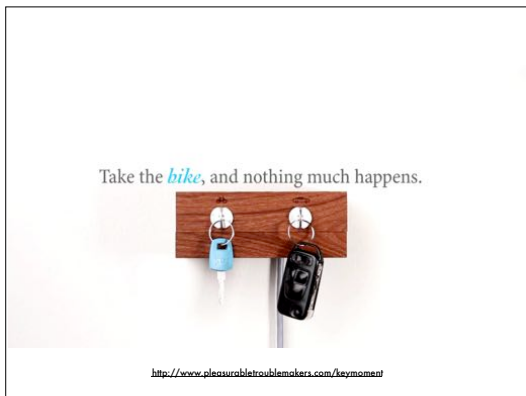
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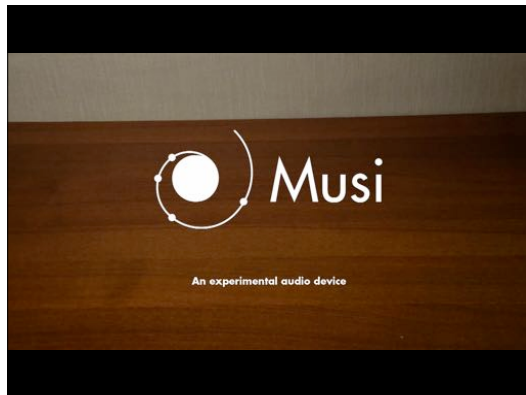
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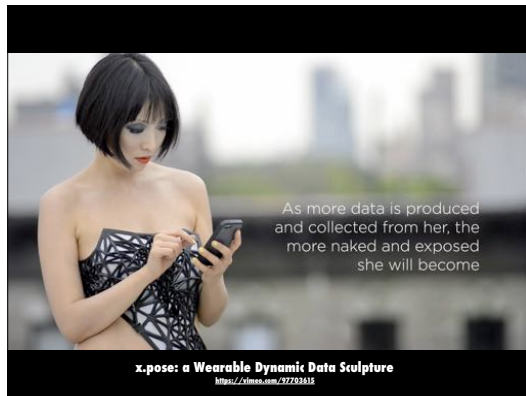
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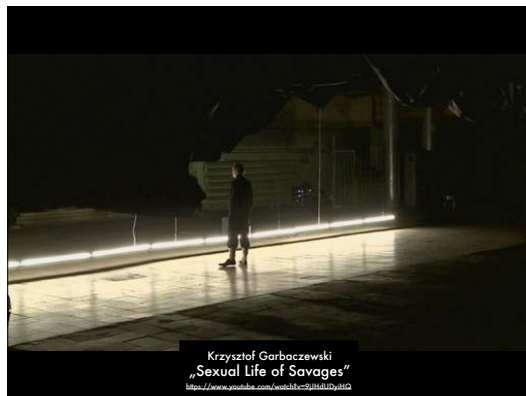
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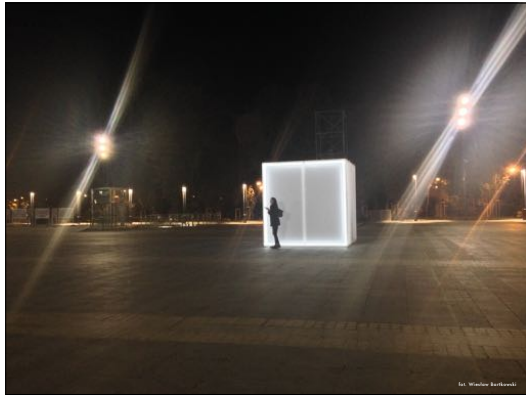
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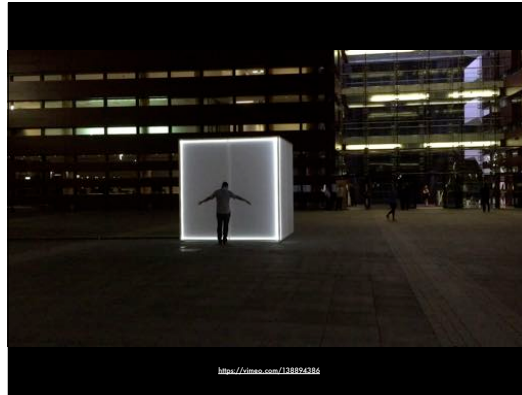
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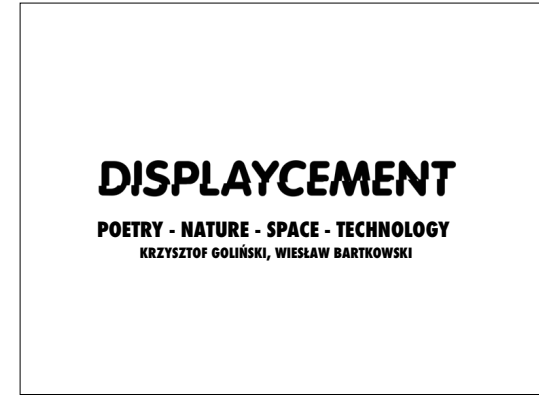
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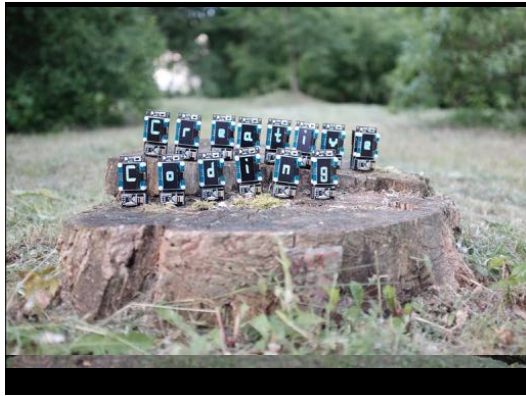
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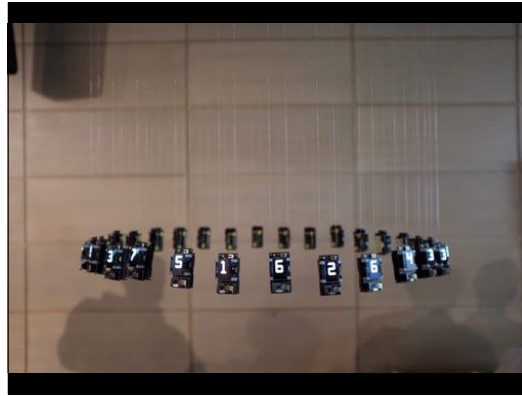
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Aleksandra Wasilkowska, Wiesław Bartkowski, Andrzej Nowak :: Shadow Narratives, Brukselo galeria BOZAR
<http://artmuseum.pl/pl/wyslowsy/architektura-cienia>

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<https://simeo.com/143173920>

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<http://infoscape.org/publications/vinc09.pdf>

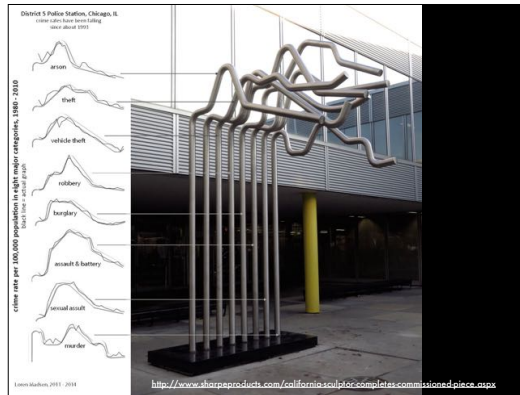
DATA EMBODIMENT

believe that the physical character of a data sculpture has the potential to significantly influence the sense-making process of its users who interpret its meaning. For example, the experience of seeing a population represented as a collection of data pixels versus a heap of rice

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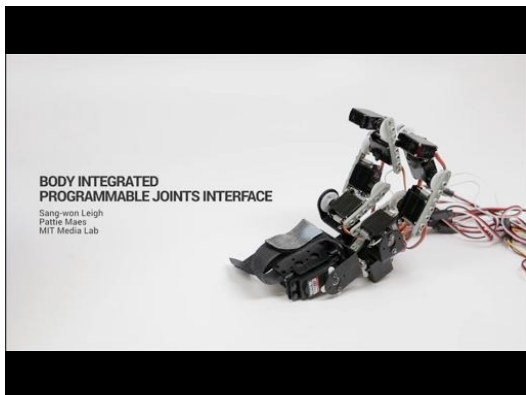


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EMBODIED COGNITION

PHYSICAL CHANGES TO THE BODY, SUCH AS ADOPTING A DIFFERENT POSTURE, CAN IN SOME CIRCUMSTANCES INDUCE CHANGES IN EMOTIONAL OR ATTITUDINAL STATES AND SOCIAL PERCEPTIONS (E.G. NIEDENTHAL ET AL., 2005)

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EMBODIED COGNITION

THE ENVIRONMENT IS PART OF THE COGNITIVE SYSTEM

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MACROFILM :: PANGENERATOR
<https://vimeo.com/92673935>

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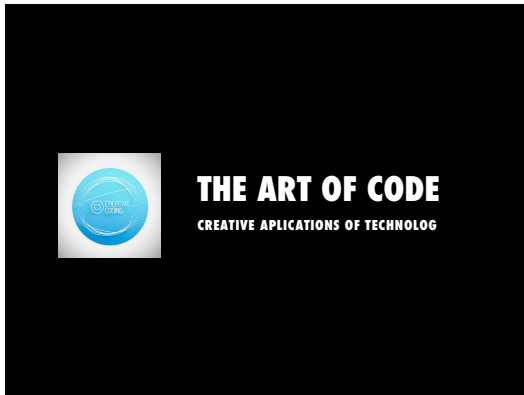
<https://vimeo.com/114128574>

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LYFE - SET YOUR PLANTS FREE
<https://www.kickstarter.com/projects/lyfe/lyfe-set-your-plants-free>

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THE ART OF CODE
CREATIVE APPLICATIONS OF TECHNOLOGY

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JOACHIM SAUTER | ART+COM

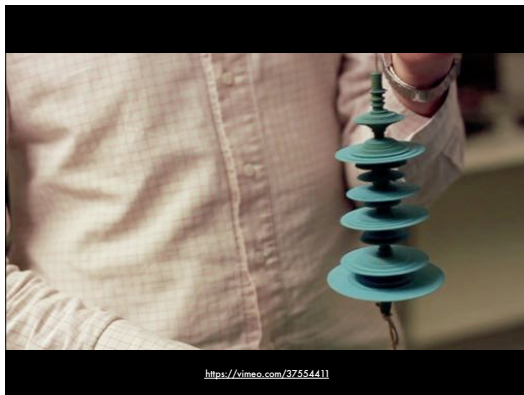
<https://artcom.de/en/department/arten>

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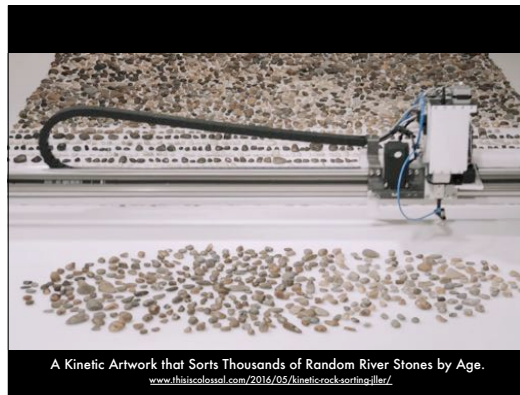
SHYLIGHT MOVIE BY STUDIO DRIFT
<https://www.studio-drift.com/>

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<https://vimeo.com/37554411>

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A Kinetic Artwork that Sorts Thousands of Random River Stones by Age.
www.thisiscolossal.com/2016/05/kinetic-rock-sorting-iller/

80



RAIN ROOM
Installation set up in London's Barbican
<https://www.barbican.co.uk/exhibitions/rain-room/>

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<https://vimeo.com/149727840>

82



<https://vimeo.com/128275543>

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MY LITTLE PIECE OF PRIVACY
www.niklaoray.com/project/88/my-little-piece-of-privacy

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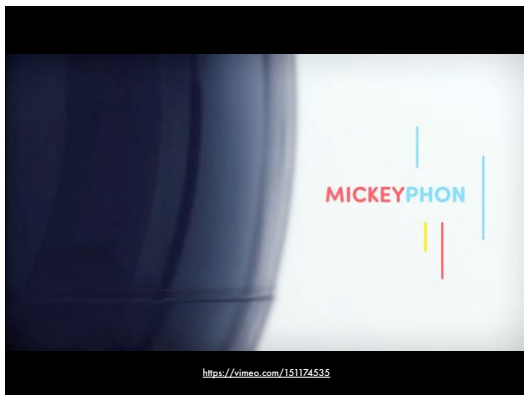
THE DANCING TRAFFIC LIGHT MANIKIN BY SMART
https://youtu.be/28_Du8nkeCk

86



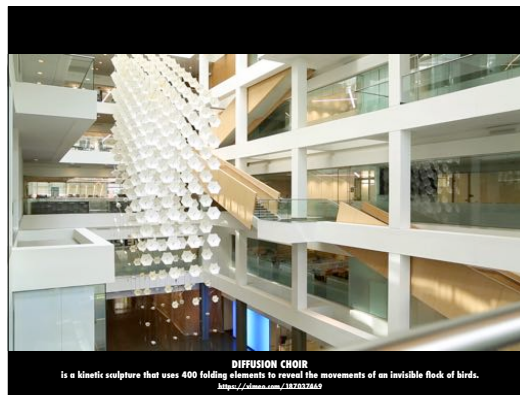
WALL-E
INTERAKTYWNE BIURO SMART BY VOX

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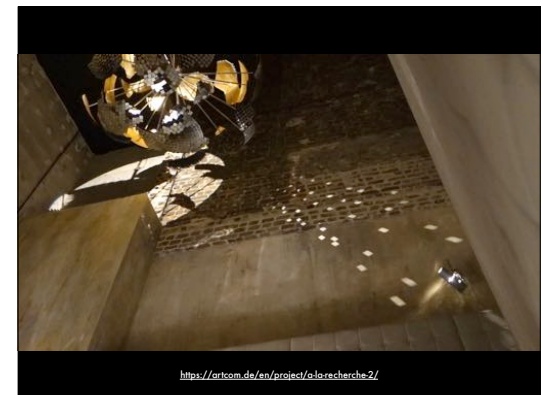
<https://vimeo.com/151174535>

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DIFFUSION CHOIR
is a kinetic sculpture that uses 400 folding elements to reveal the movements of an invisible flock of birds.
<https://dome.com/287232660>

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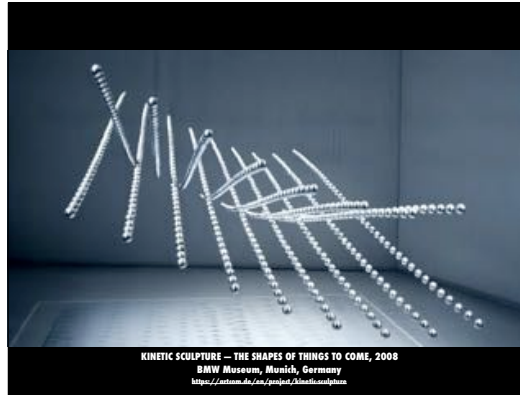


<https://artcom.de/en/project/glarecherche-2/>

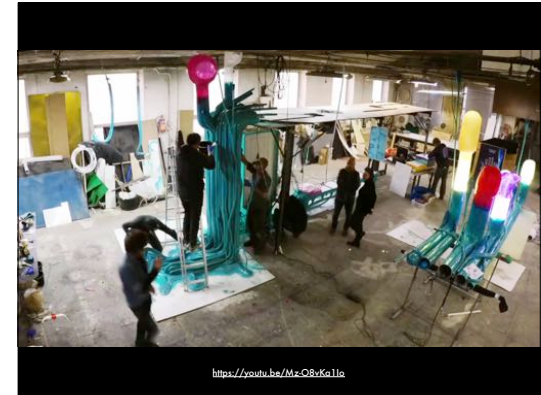
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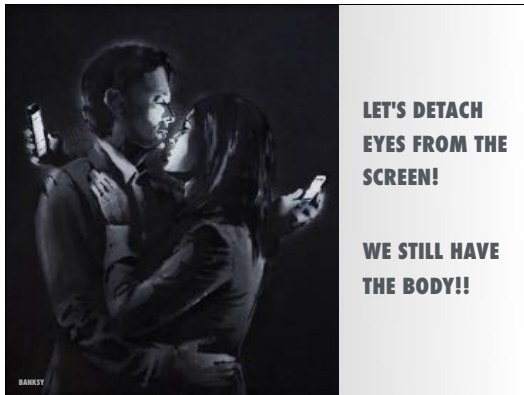
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