

# **Važnost bita / narativne forme u generativnom video ambijentu**

Vladimir Todorović

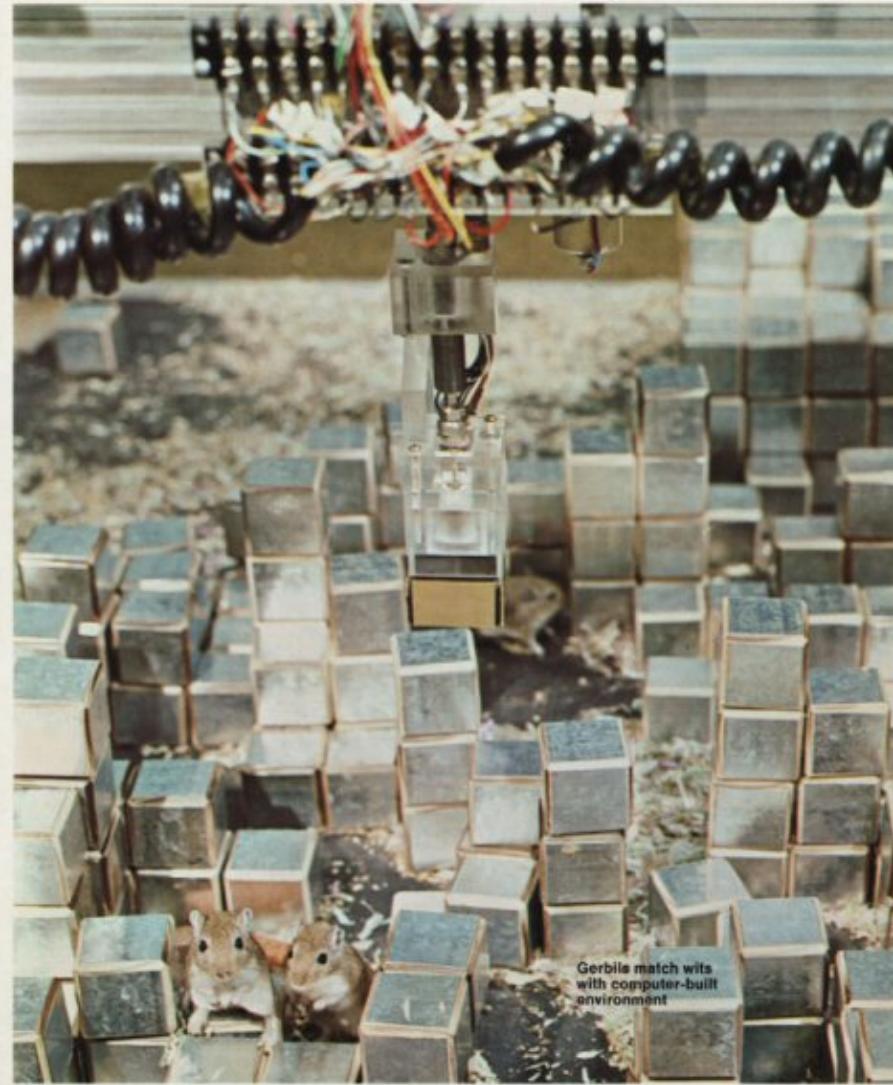
# Software

Jack Burnham, 1970

Participating artists: Vito Acconci, David Antin, Architecture Group Machine M.I.T., John Baldessari, Robert Barry, Linda Berris, Donald Burgy, Paul Conly, Agnes Denes, Robert Duncan Enzmann, Carl Fernbach-Flarsheim, John Godyear, Hans Haacke, Douglas Huebler, Joseph Kosuth, Nam June Paik, Alex Razdow, Sonia Sheridan, Evander D. Schley, Theodosius Victoria, Laurence Weiner.

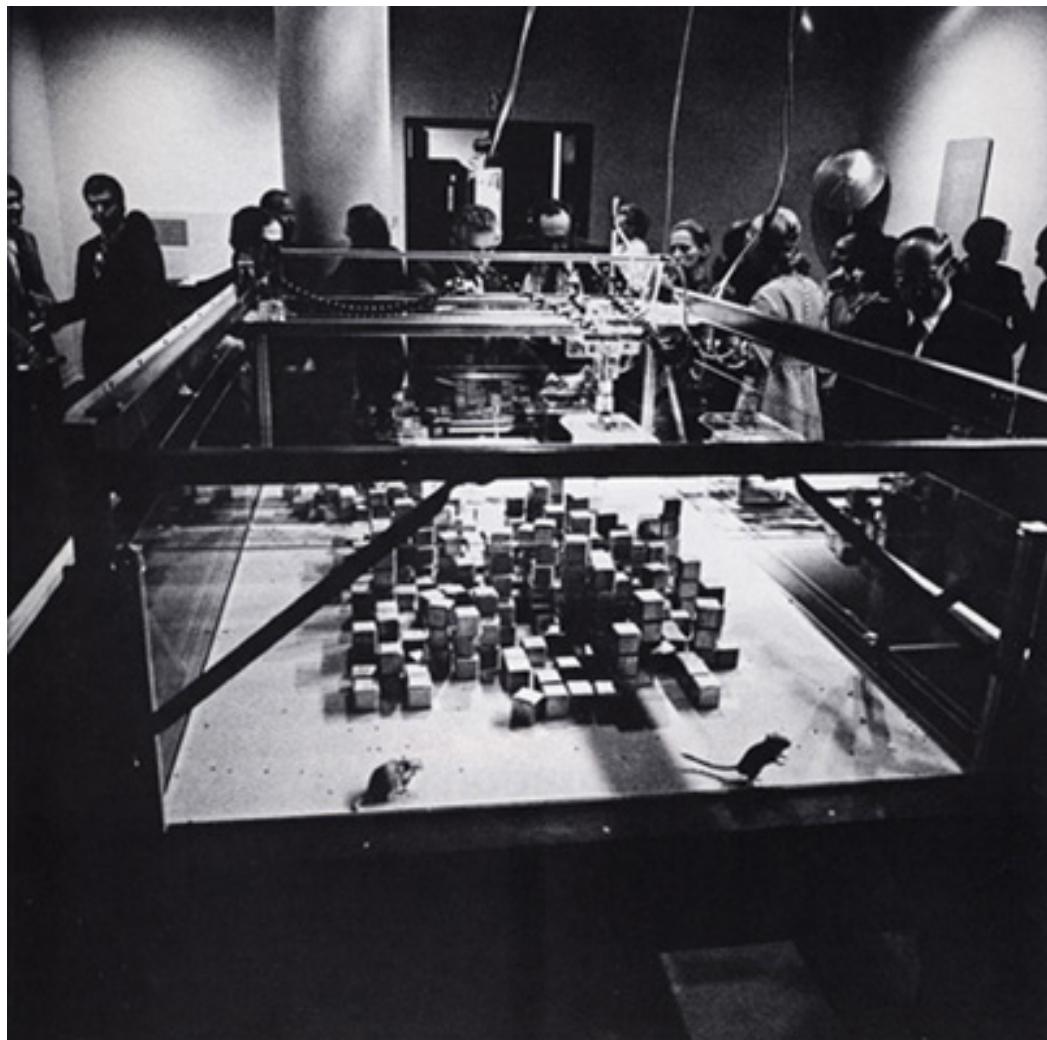
# SOFTWARE

Information technology: its new meaning for art



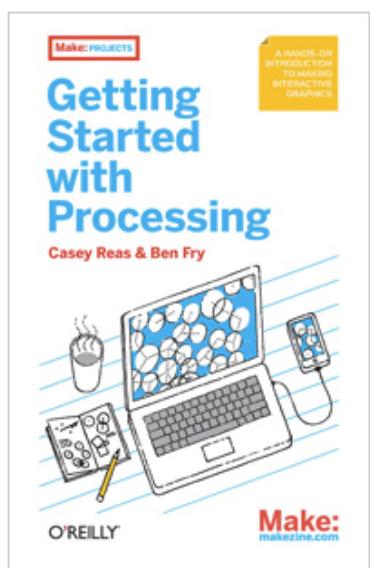
Gerbils match wits with computer-built environment

# ARCHITECTURE MACHINE GROUP



As a final example, Nicholas Negroponte and the Architecture Machine Group (precursor to the MIT Media Lab, which Negroponte now directs) submitted "Seek," a computer-controlled robotic environment that, at least in theory, cybernetically reconfigured itself in response to the behavior of the gerbils that inhabited it. I interpret Seek as an early example of "intelligent architecture," a growing concern of the design community internationally.[11]

# Liberalizacija platformi



- » Download Processing
- » Explore the Exhibition
- » Play with Examples
- » Browse Tutorials

Processing is an open source programming environment for people who want to create visual experiences and interactions. Initially developed to serve as a sketchbook and to teach fundamentals of computer programming within a visual context, Processing also helps users develop concepts in mathematics, science, and engineering. For students, artists, designers, researchers, and hobbyists, Processing provides a flexible space for learning, prototyping, and sharing.

- » Free to download and open source
- » Interactive programs using 2D, 3D or P



## vvv : a multipurpose toolkit

Screenshots  
Download  
Documentation  
Fan Club

vvv is a toolkit for real time video synthesis. It is designed to facilitate the handling of large media environments, physical interfaces, real-time motion graphics, audio and video that can interact with many users simultaneously.

vvv uses a visual programming interface. Therefore it provides a graphical programming language for easy prototyping and development.

vvv is real time, where many other languages have different modes for building and running programs, vvv only has one mode - runtime.

vvv is free for non-commercial use. Commercial use requires a license. Get the latest version from the Downloads section.

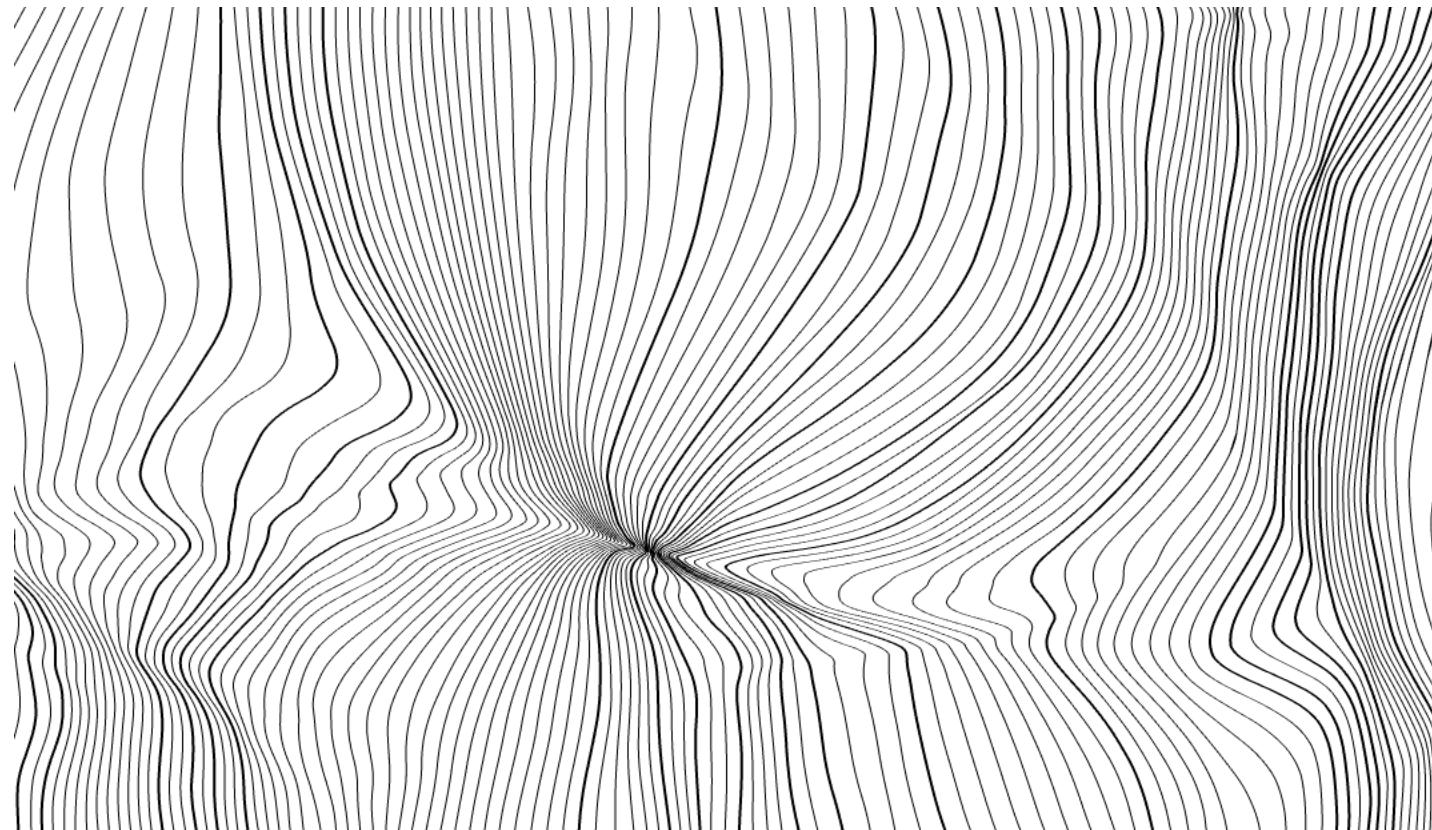
vvv is being developed by the vvv group.

Processing and VVVV

# generativno definicija



Frozen izložba



Leander Herzog

## **Interaktivni generativni radovi**

/ igrice,  
interaktivni filmovi,  
interaktivni muzički spotovi,  
interaktivni dokumentarni radovi

# Generativni narativ



**Dear Esther**, Chinese room (2008)

-Dihotomija audio vizuelna

-- gen struktura

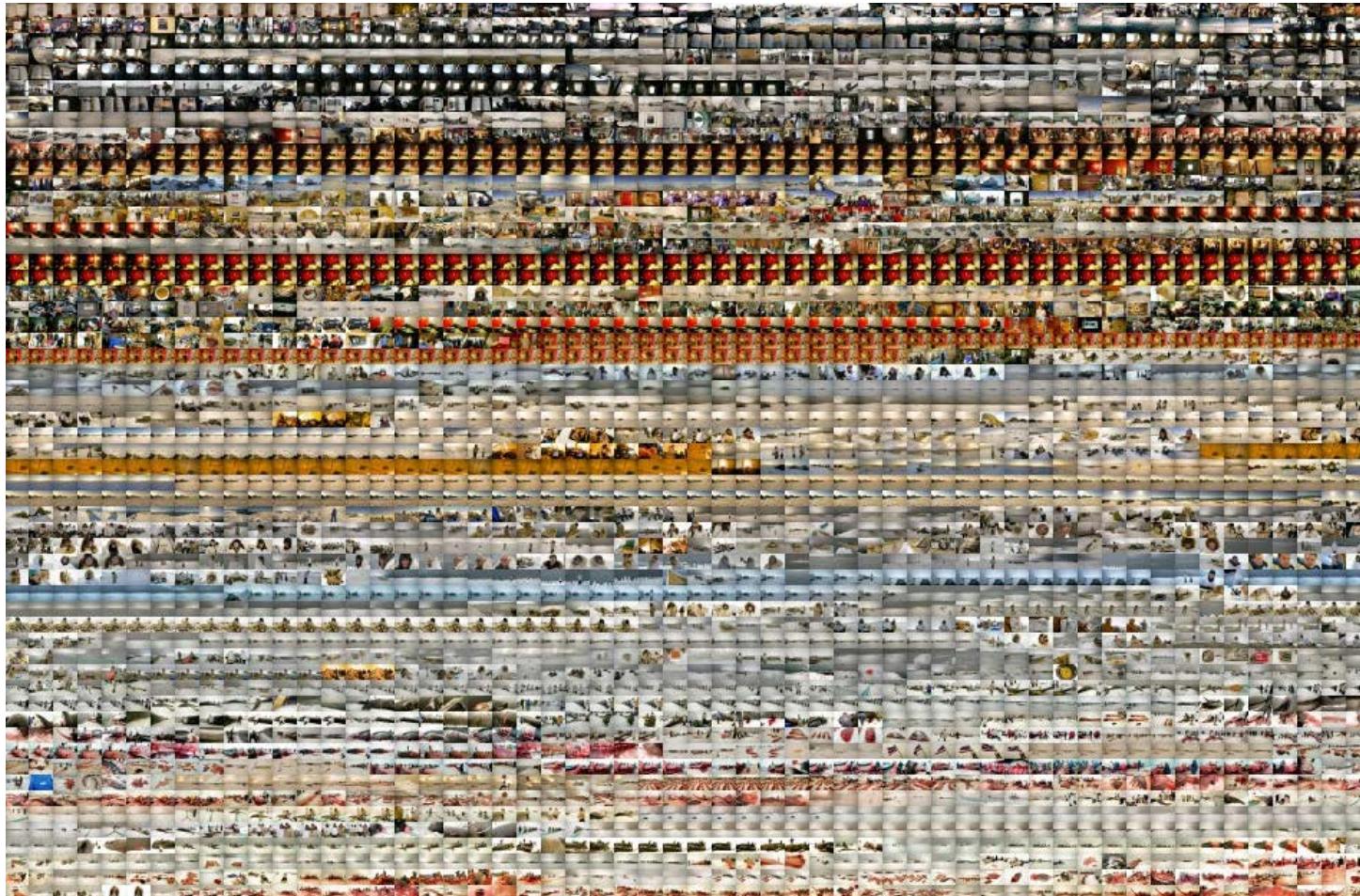
# Generativno okruženje



Journey, That Game Company, 2012.

# Whale Hunt

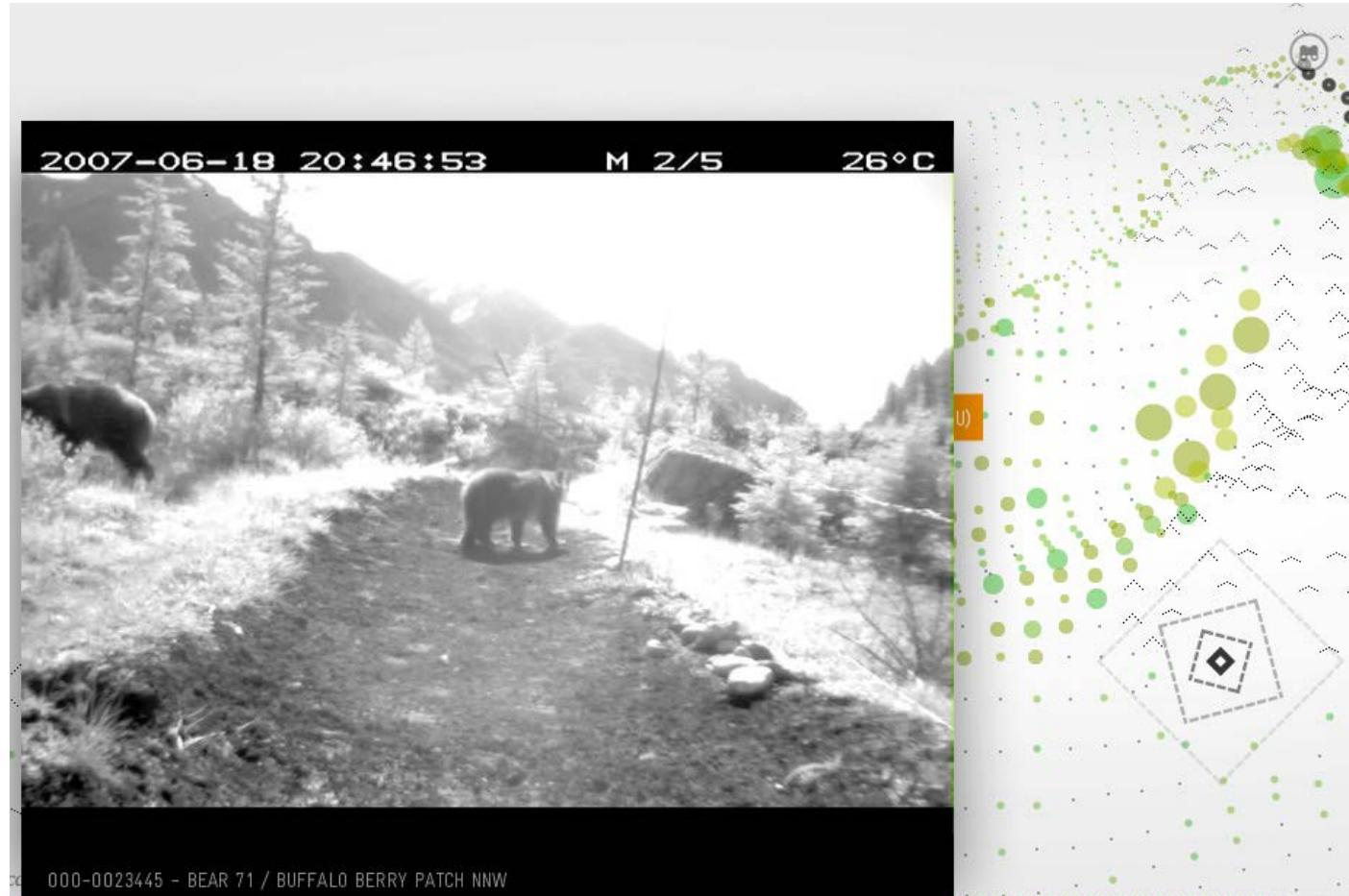
## Jonathan Harris



- Interaktivni dokumentarni film
- narativ baze podataka

# Bear 71

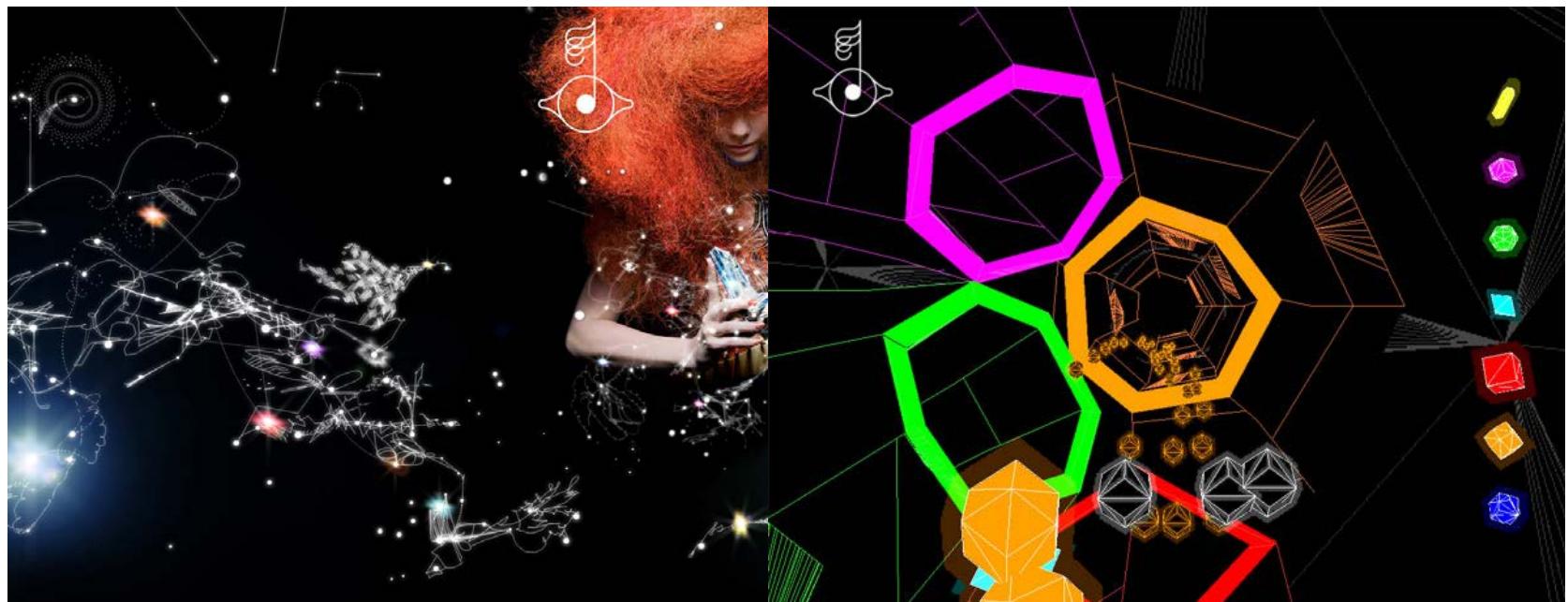
interaktivni dokumentarni film, Leanne Allison and Jeremy Mendes



- Struktura sa 3 akta
- Nedostatci u interakciji

# Biophilia

Bjork



Mobilne aplikacije

## **Značajni bit**

– mogućnosti za naraciju  
(pasivna generativna umetnost)

Vizualizacije(docu), transformacije, arhive, databaze,  
meditativne abstraktne forme

**Bez narativa?  
ili mikronarativi**

# Good Morning

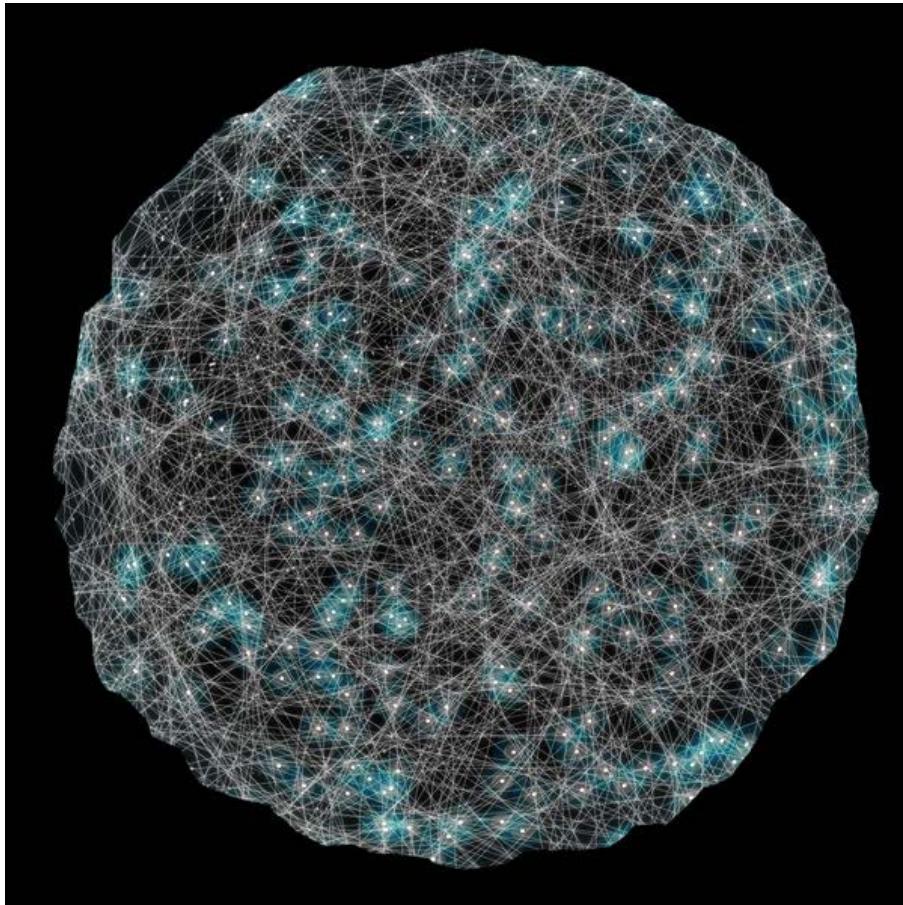
by Jer Thorp



<http://blog.blprnt.com/blog/blprnt/goodmorning>

# Celestial Mechanics

by Scott Hessels i Gabriel Dunne



<https://vimeo.com/21220166>

**20Hz**

by Semiconductor



<http://semiconductorfilms.com/art/20hz/>

**Senzacije bitom**  
**- kroz prevodenje podataka**

# Sounds of Honda

various collaborators, directed by Kaoru Sugano



<https://vimeo.com/87177062>

# **Referentnost**

# Forms



Memo Akten and Quayola  
<http://www.memo.tv/forms/>

# Kraftwerk P-b-M



Dejan Grba

<https://vimeo.com/22495165>

# Nove forme - skice meditacija



\_grau | 10:01 min | d 2004 | HD premiere

by Robert Seidel PLUS  
2 years ago



<http://vimeo.com/2669327>

# Morphogenetic Transformations



Andy Lomas

<http://thecreatorsproject.vice.com/blog/andy-lomas-lets-digital-systems-bloom-in-morphogenetic-creations-exhibit>

# RECURSION / Zhestkov.com

by Maxim Zhestkov PLUS

4 months ago



<http://vimeo.com/11486791>

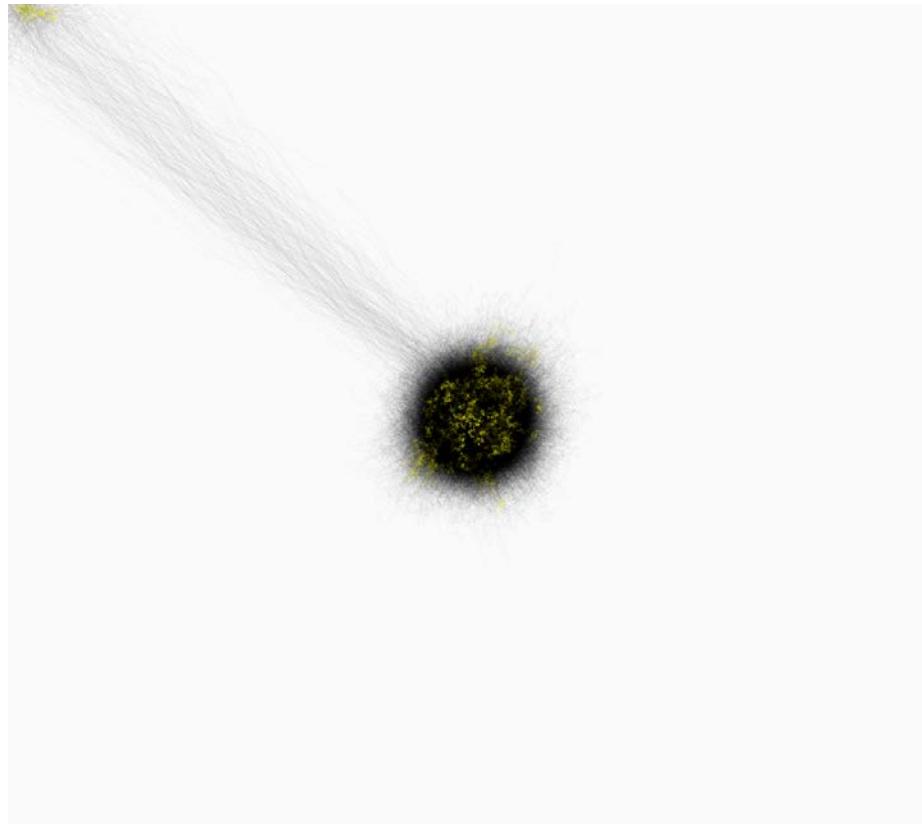
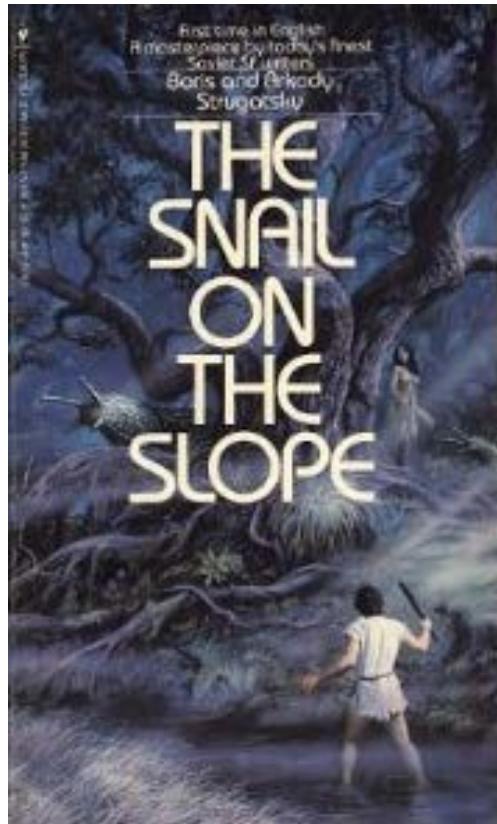
# tendencije



- Tendencije u holivudu
- 3 akt struktura neće preživeti digitalnu revoluciju

# The Snail on the Slope

ideja



Based on Strugatskys' novel

# Kod

bricoleur / umetnik programer  
neposrednost i kontakt sa materijom

crtanje\_random\_control\_15\_boid\_field

Boid

FlowField

krosnja

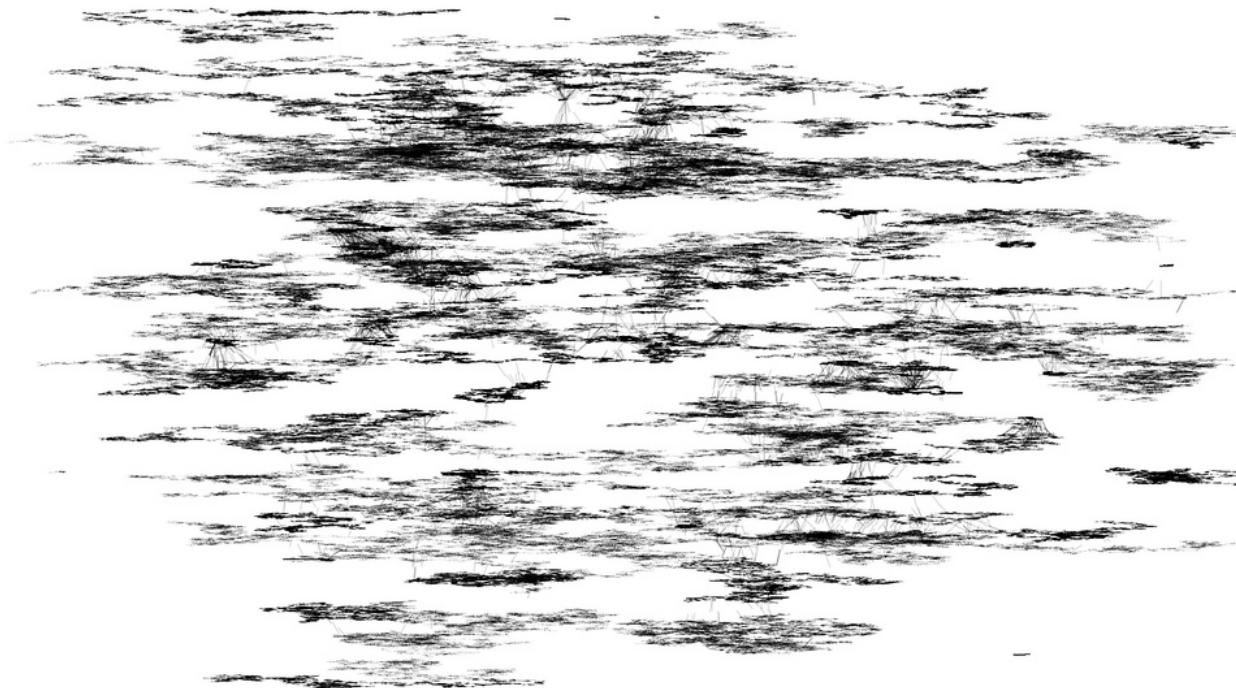
radio

```
}  
  
void genBoid(){  
    for (int i = 0; i < buttonV; i++) {  
        boids.add(new Boid(new PVector(random(width),height + random(height)),1.2,1.1, random(10), random(10)));  
    }  
}  
void runga(){  
    for (int i = 0; i < boids.size(); i++) {  
        Boid b = (Boid) boids.get(i);  
        b.follow(flowfield);  
        b.run();  
        Boid bo = (Boid) boids.get(i);  
        // bo.followz(flowfield);  
        // bo.run();  
        // strokeWeight(0.2);  
    }  
  
    for (int i=0; i < (boids.size()-1);i++){  
        Boid c = (Boid) boids.get(i);  
        //println(c);  
        c.followz(flowfield);  
        c.run();  
    }  
}
```

Processing code

# Struktura

referentost



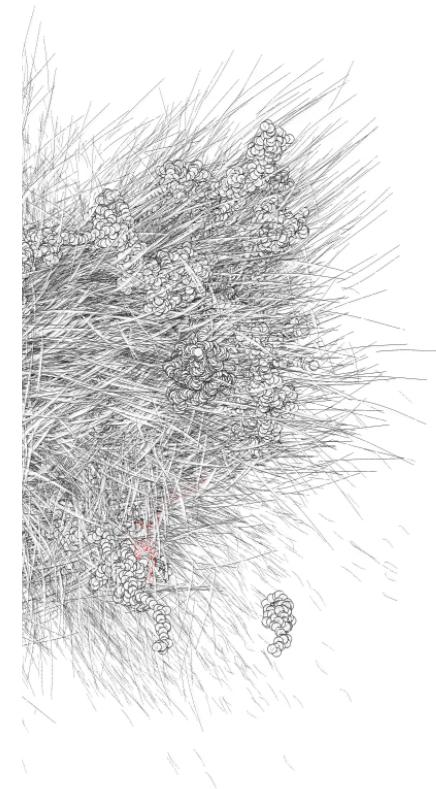
*Slika se ne sme izmisliti, slika se mora osetiti.* – Kaspar David Fridrih

# Narativna struktura

from this height, the forest was like foam, a  
gigantic world encompassing porous sponge,  
like an animal waiting in concealment, now fallen  
asleep and overgrown with rough moss.

you really want to go there?  
hot green swamps, irritable and timorous trees,  
wary enigmatic aborigines, empty villages . . .

i don't know...



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Intertitlovi, nemi film, referentnost, nanook, džeparoš  
Nezanimljivost karaktera, nepostojanje 3 akt strukture

redukavanost  
/značaj bita za nove forme

