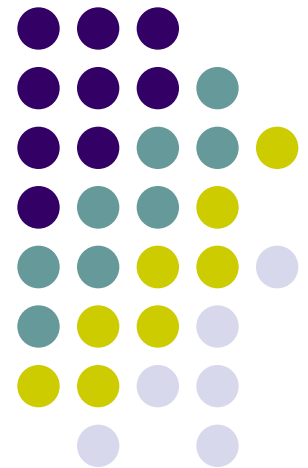
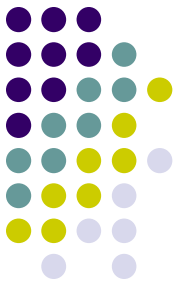


[Ne]

očekávané náhody

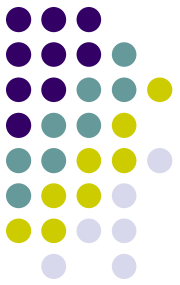
Poznámky k a-life art





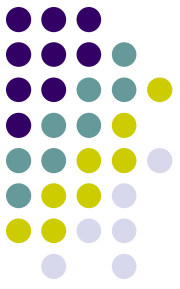


Blahoslavený ten, kto nič
neočakáva,
lebo nemôže byť sklamaný.

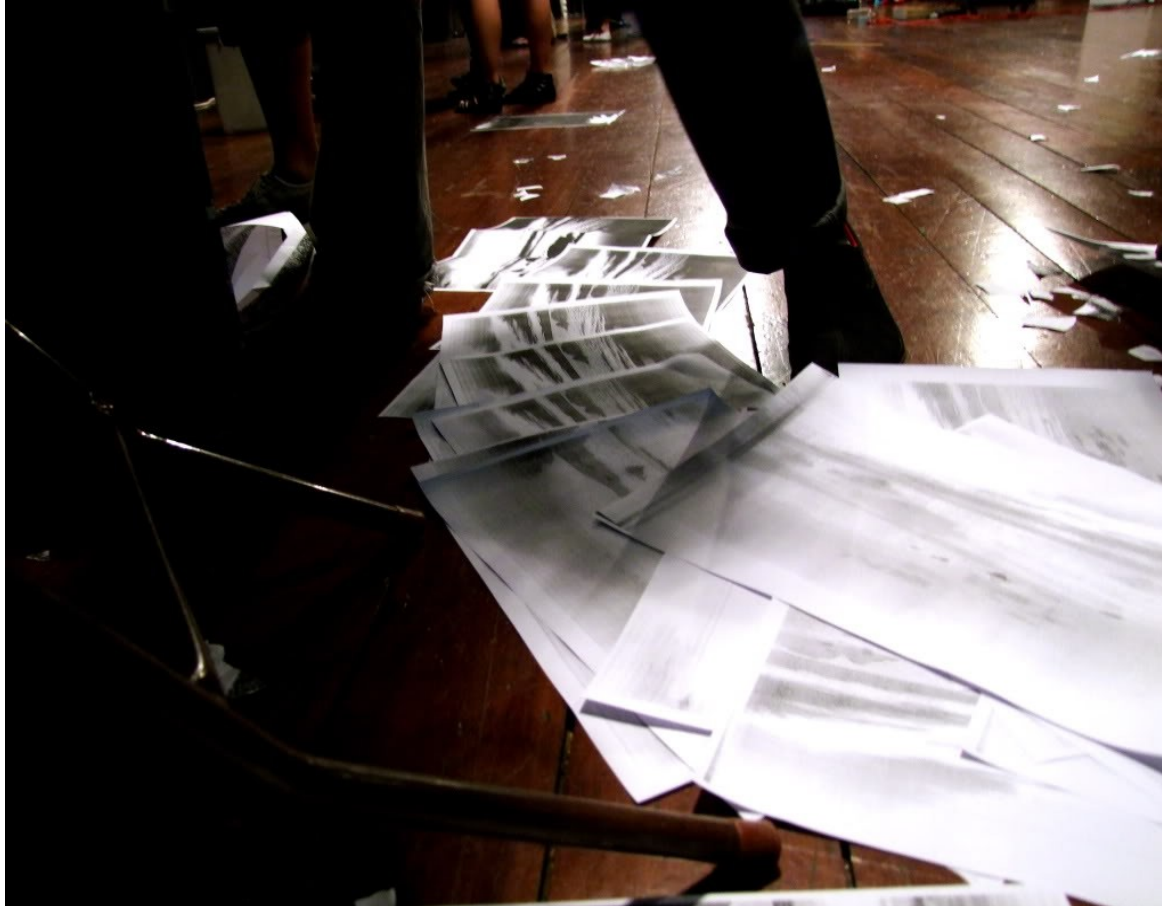
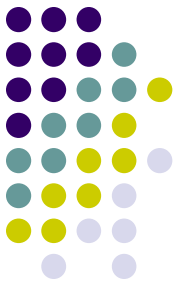


Náhoda?

- C.G. Jung: synchronicita (‘20)
- Paul Kammerer: serialita (‘20)
- Arthur Koestler: koincidencia (‘70)



W.A.MOZART: DICE GAME 1787
<http://sunsite.univie.ac.at/Mozart/dice/>



Marcel Duchamp: Erratum Musical 1913 / 1934

http://www.toutfait.com/issues/issue_1/Music/erratum.html

ORIGINAL HEXAGRAM

#2

-X-	---	---	-	---	-X-	---	---	---	---	-X-	-
---	-	-X-	---	---	---	-X-	-	-X-	---	---	-
---	-	-	---	---	---	-	-X-	---	---	-0-	-0-
---	---	-X-	-	-X-	-X-	---	---	-X-	---	---	-X-
-	-	---	-	-X-	---	-	-	-	---	-X-	---
-	-	---	-0-	---	---	-	-	-	---	-0-	-

CHANGED HEXAGRAM

1-22 short
23-25 3
26-50 25

---	---	---	-	---	---	---	---	---	---	---	-
---	-	---	---	---	---	---	---	---	---	---	-
---	-	---	---	---	---	---	---	---	---	---	-
---	---	---	---	---	---	---	---	---	---	---	-
---	-	---	-	---	---	---	---	---	---	---	-

John Cage:
I-Ching

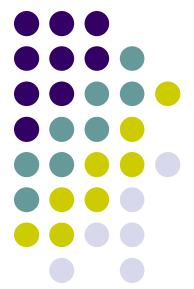
KEY FOR IDENTIFYING THE HEXAGRAM

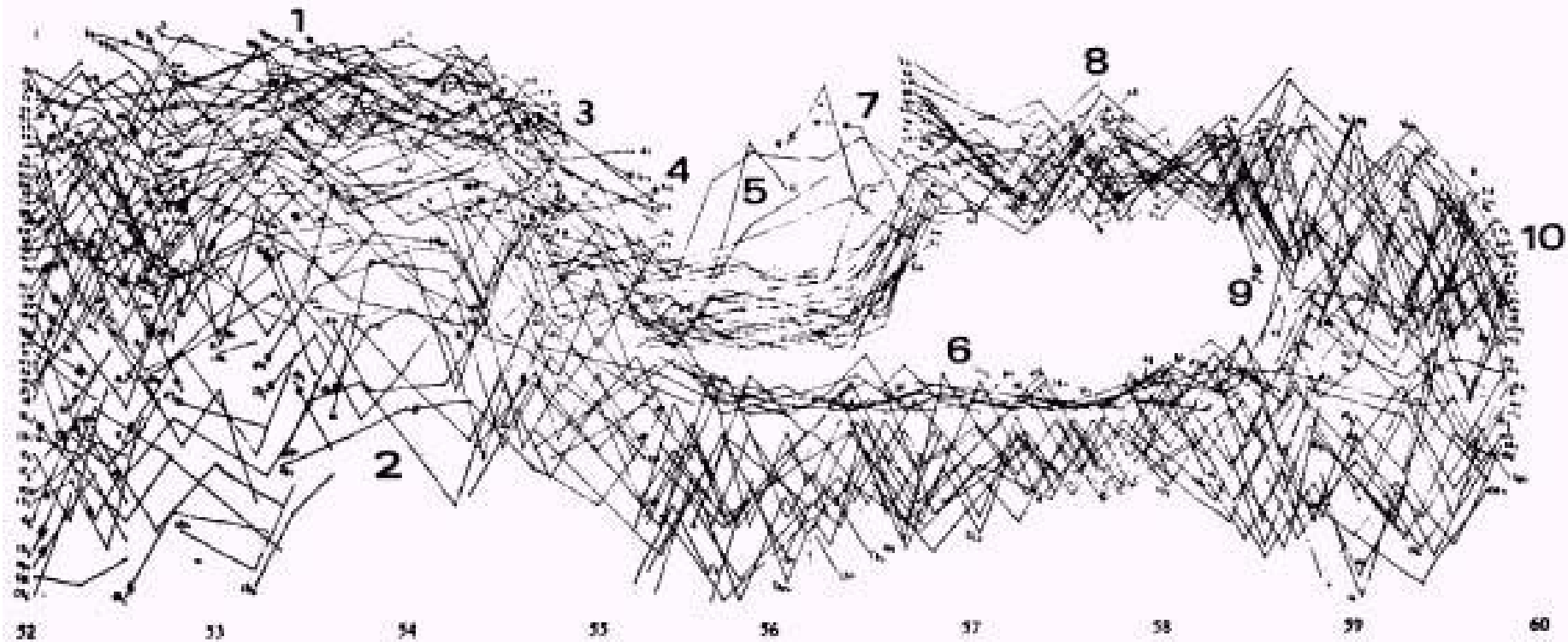
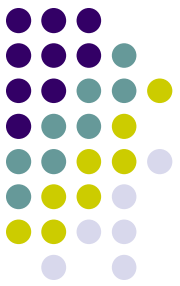
31	52	41	17	42	56	18	52	23	14	55	40
33	52	9	45	9	1	57	56	53	14	18	46

ORIGINAL HEXAGRAM

1-3 short
4-19 med
20-31 long

---	-	-0-	-0-	-	-X-	---	---	---	---	-X-	-
---	-	---	-	-	-0-	---	---	---	-0-	---	-
---	---	-0-	---	-	---	---	---	-0-	-X-	---	-
-	-	-X-	-	-0-	---	---	---	-X-	---	---	-
-X-	-X-	-	-0-	---	-	---	-	---	-	-0-	-X-





- Iannis Xenakis: Stochastic music 1954



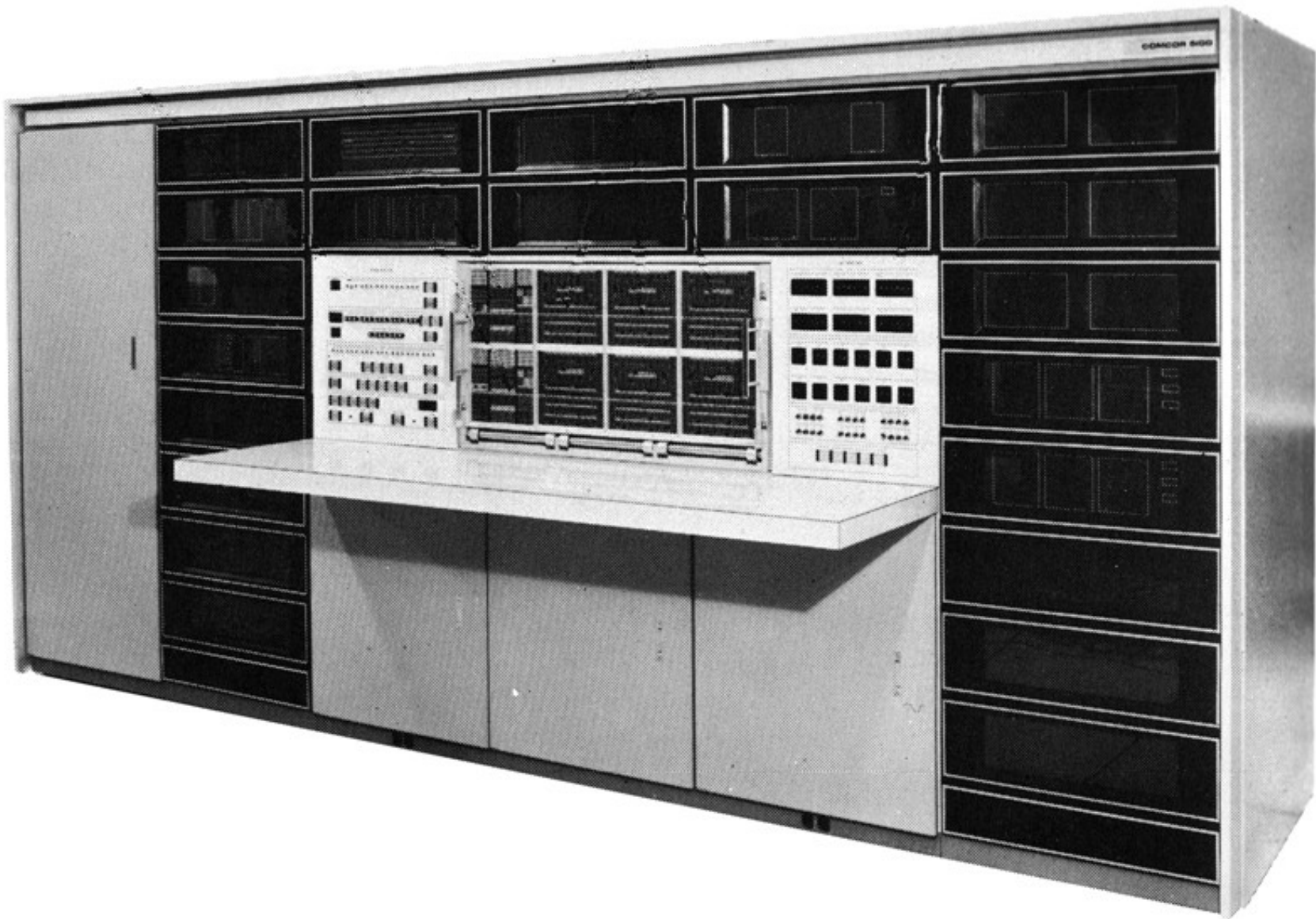
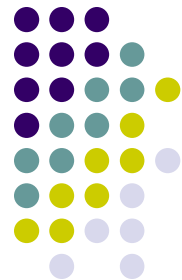
- Hans ARP.
- Upravené podľa zákonov náhody 1917

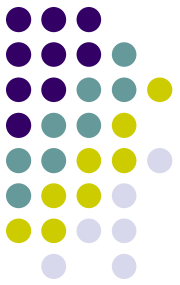




The Big Three N's:

Frieder Nake, Georg Nees a Michael Noll





Humans Create, OCCASIONALLY.
Computers Operate, ALWAYS. (F.Nake)

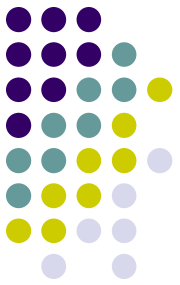


CYBERNETIC SERENDIPITY. Božské požehnanie ?

- 1971 Robert Thomas :
- I´m the **CREEPER**. Catch me if you can!
- 1983 Fred Cohen: virus

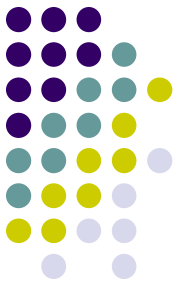


IM THE CREEPER, CATCH ME IF YOU CAN!



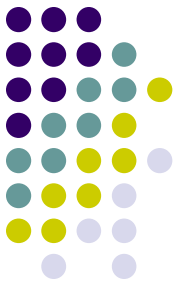
Artificial Life in Digital Art

- 1987 Los Alamos :Christopher Langton
Interdisciplinary Workshop on the Synthesis and Simulation of Living Systems
- AL art, A-life art, Digital Artificial Life Art (DALA)
- Darwin: dedičnosť, variabilita a selekcia
- **(kríženie, reprodukcia, mutácia...)**
- Biológia ako readymade (Nell Tenhaaf)



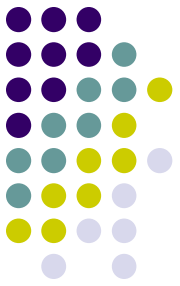
- controlled randomness
 - feedback loop
 - emergence

Spektákel?



Motorom evolúcie je zlyhanie:
dokonalosť neposkytuje podnet
na zdokonaľovanie.

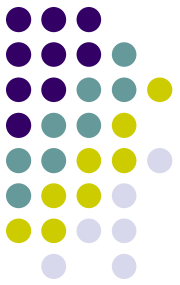
(Colson Whitehead 1999)



- *„A-life art je o procese, o zmene, o excentrickom tvorení umelých svetov a tvorbe nepoznaného.“
(Mitchell Whitelaw)*



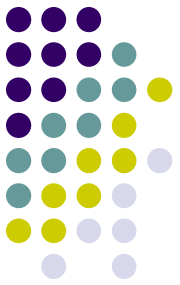
- 1993 AEC Linz: Artificial Life-Genetic Art
- 1993 ArtFutura , Barcelona: Vida Artificial
- 1999: VIDA. Art & Artificial Life International Competition



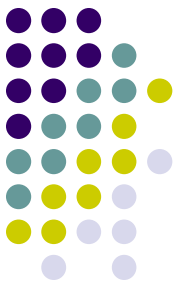
- Christa Sommerer a Laurent Mignonneau:
- *Trans Plant (1995-96) Virtuálna a rozšírená realita*
- <http://www.youtube.com/watch?v=gduXrdsQG-w>
- A-VOLVE (1994-5)
- <http://www.youtube.com/watch?v=0WG45k93pCA>
- Interactive Plant Growing 1992
- <http://www.youtube.com/watch?v=da8r9Hx2KRI>
- <http://www.youtube.com/watch?v=JXX7JNFD2X8&feature=relmfu>



- Jane Prophet: ***TechnoSphere: 1995***
- ***Online sieťový AL***
 - <http://www.digitalarti.com/review/daily-watch/blog/2011/09/12/technosphere-by-jane-prophet-and-gordon-selley/>
- Jon McCormack: ***EDEN***
- ***Evolučný zvukový ekosystém***
 - <http://www.csse.monash.edu.au/~jonmc/projects/eden/edenImages.html>
 - <http://diotima.infotech.monash.edu.au/~jonmc/sa/artworks/eden/>



- **Jeffrey Ventrella: GENE POOL**
- *EVOLUTIONARY ART* alebo evolučné, vývinové umenie, ktoré vzniká generovaním pomocou počítačov.
- <http://www.ventrella.com/>
- <http://evolutionspace.wordpress.com/category/jeffrey-ventrella/>
- Karl Sims : *Genetic Images* (1991)
- <http://www.karlsims.com/>



- Erwin Driessens a Maria Verstappen
- *E-volver* (2006) softwarový evolučný systém
- <http://www.xs4all.nl/~notnot/E-volverLUMC/E-volverLUMC.html>

