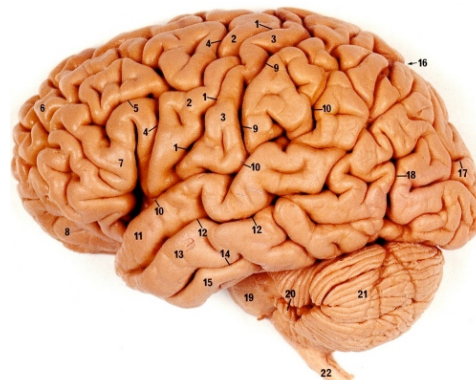
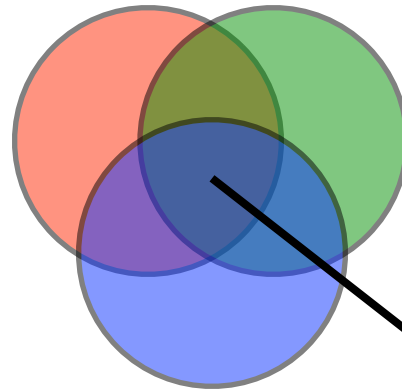
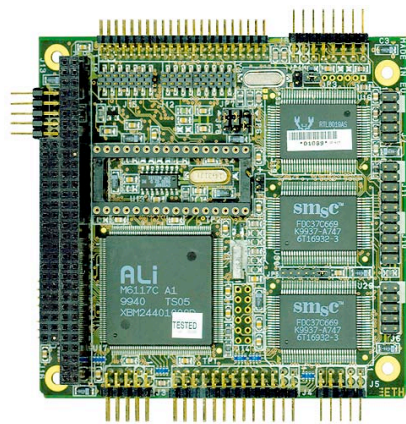


# The Computational Creativity Curriculum

Lee Spector, Chris Perry & Jaime Dávila  
Hampshire College, Amherst, MA

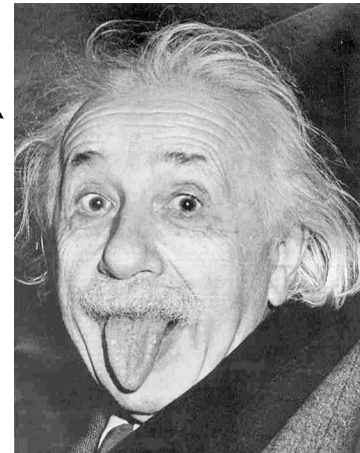
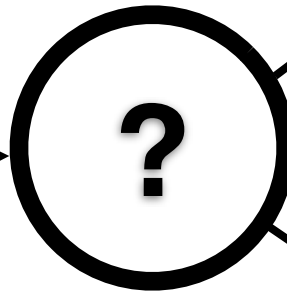
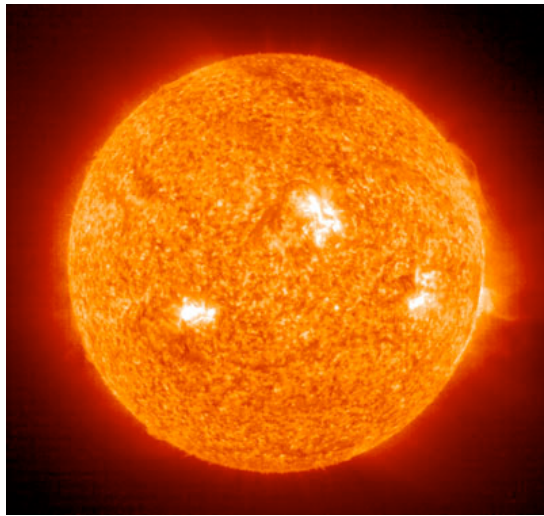


Computational  
Creativity  
Systems

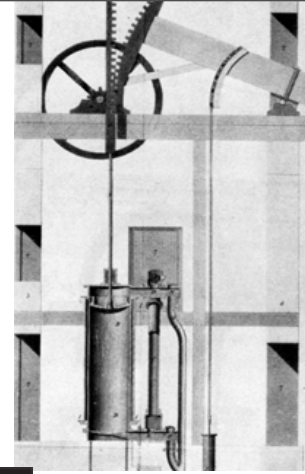
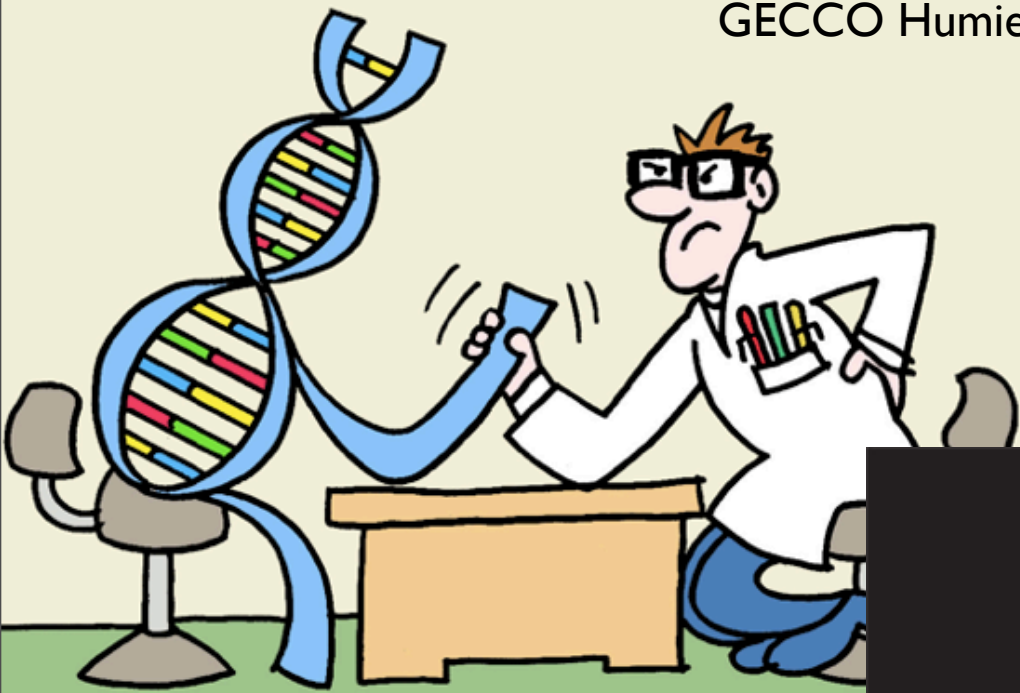
# User-Guided Variation

- Generate/refine variations with a user-driven computational model of creativity
- Interdisciplinary art/sci/tech student/faculty development (piloted in *Computing Concepts: Creative Machines?* and *Radical Innovation in Digital Arts*)
- Use existing art-making software (*Maya, RenderMan, Shake, Photoshop, MaxMSP, Processing, ...*)
- Browser interface, cluster back end
- Community college and high school outreach

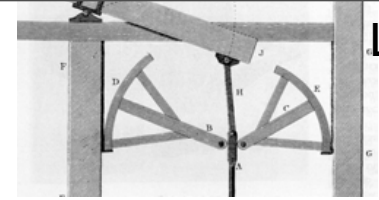
# Real Creativity



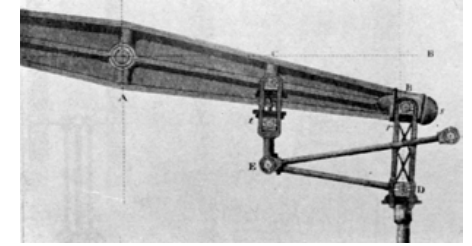
GECCO Humies



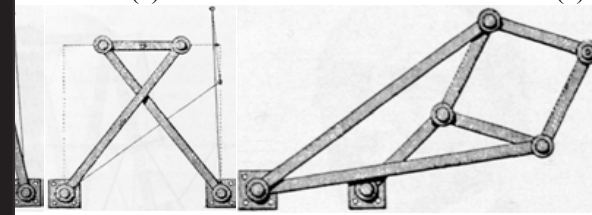
(a)



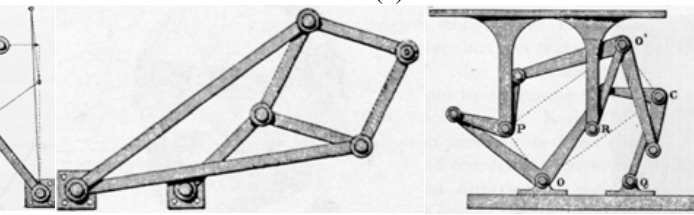
(b)



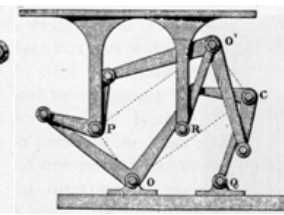
(c)



(e)

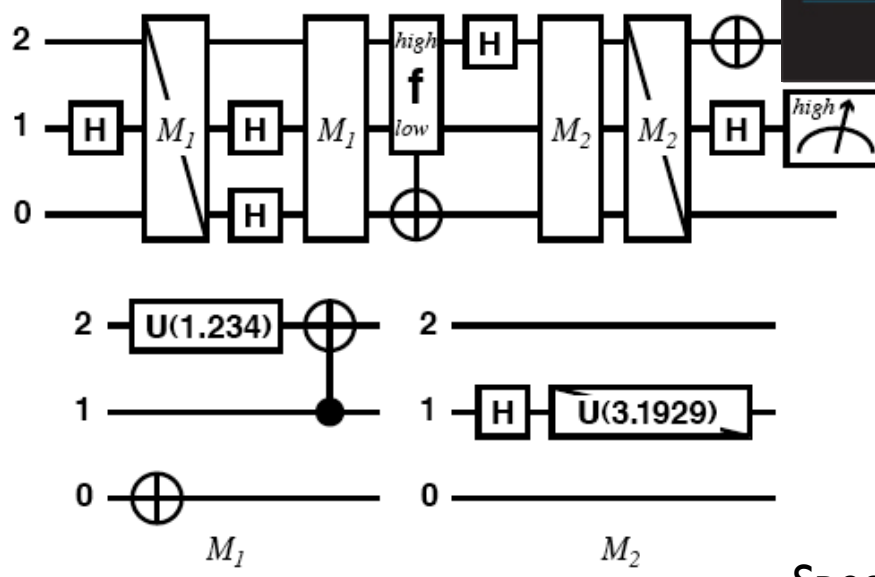


(f)

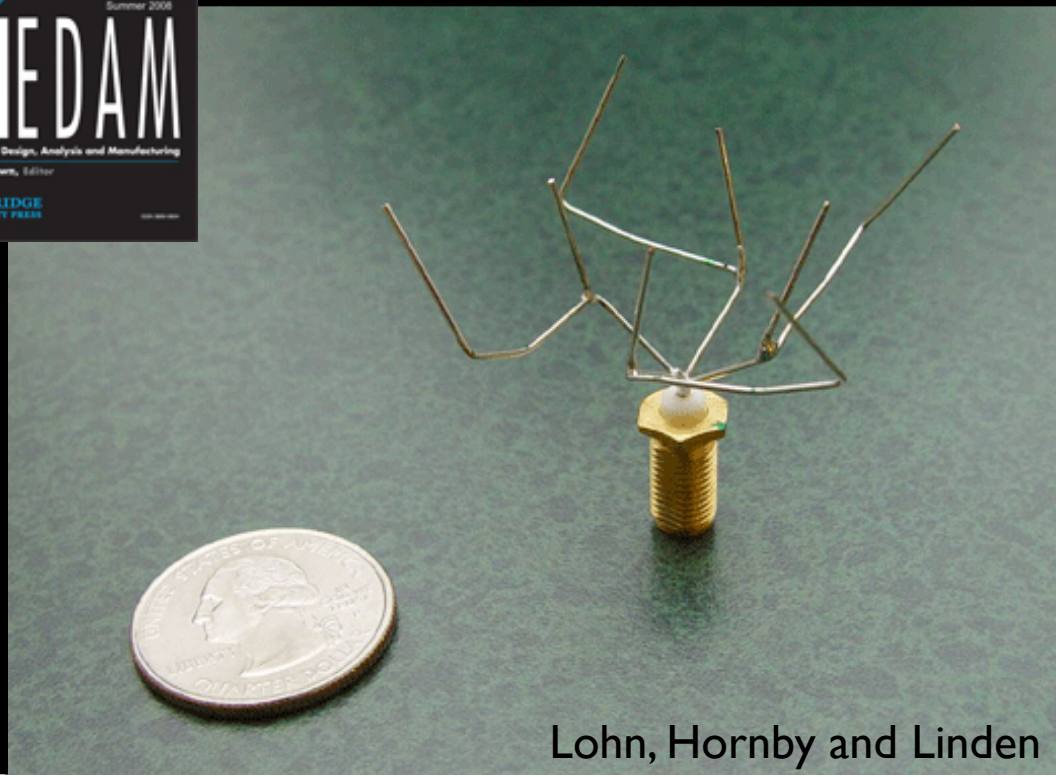


(g)

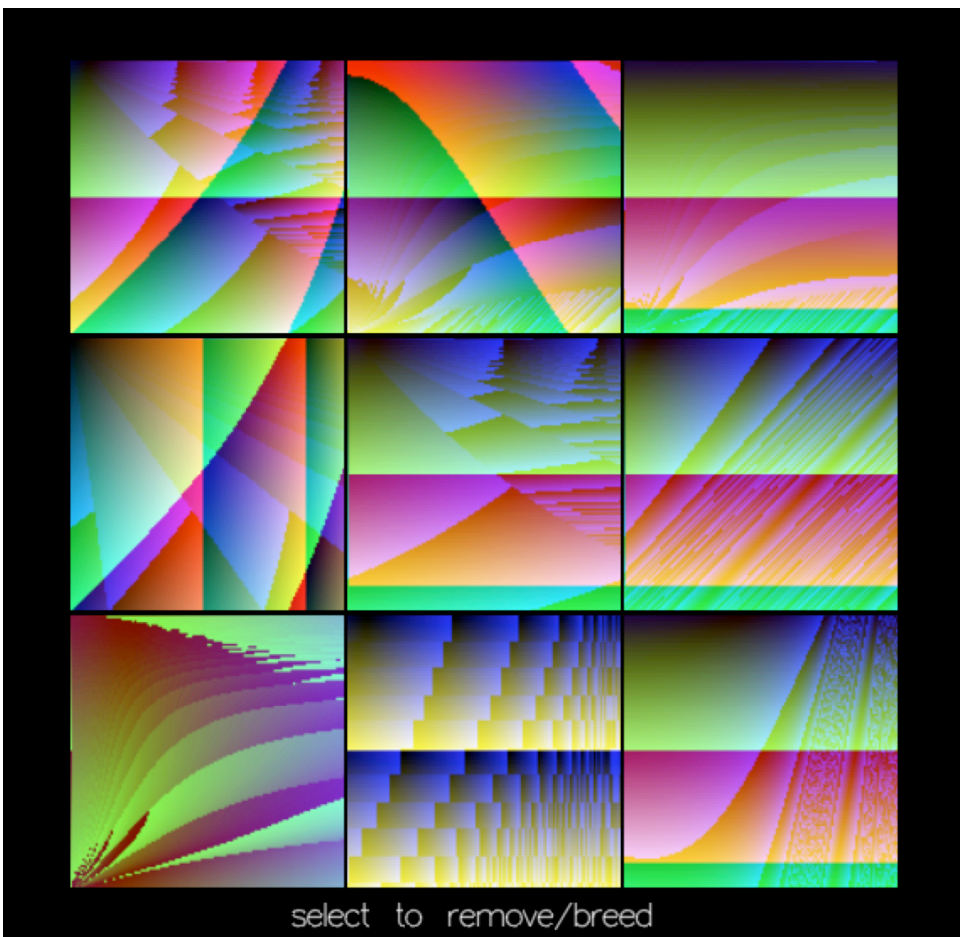
Lipson



Spector



Lohn, Hornby and Linden



u2\_01

http://anim.hampshire.edu/wc/viewshot.php?shot\_id=8

Latest Headlines Tower 37 RenderMan Perry Hampshire Tcl/Tk 8.4 Manual cgi.tcl - Home page Art 740 Coblyn Depa... DreamWorks Animati...

Shots

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HELGA PROJECT MANAGEMENT

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Anim Fix Compositing Film-out

Edit Shot Info

Side of the water tower as Mule and Leed climb up the tower and past the camera.

Shot Name: u2\_01

Shot Type: Medium

Duration: 350 frames (24fps)

Edit Watch List

Igor Web UI

http://anim.hampshire.edu/igor/

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