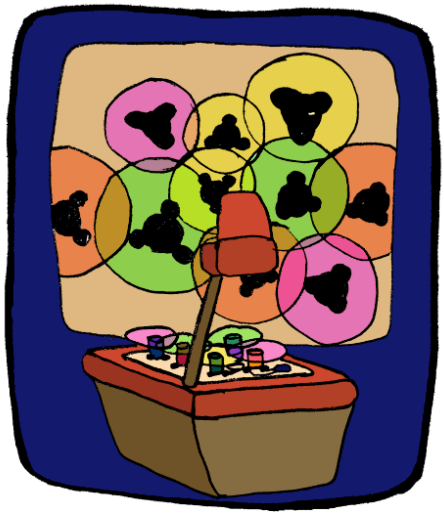
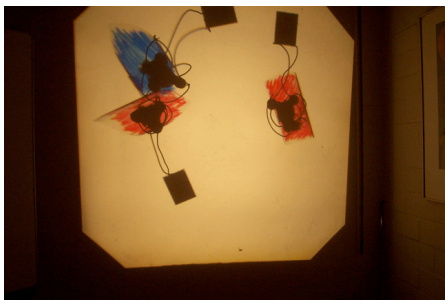
overheadbots
an overhead-project by derstrudel

overheadbots live on overheads, a bit like parasites they sit on top of the overhead and convert its light into their proper motion.
the overheadbots are completely autonomous, all their energy is delivered by the overhead. the whole system is like a little ecosystem and works once the overhead is turned on without any further intervention.
the projected screen is like a 2 dimensional window to this world on the overhead projector, a world with real collisions, and unforeseeable events.
on the other side the screen can also be seen as a an animated display, where color patches move around and form an ever-changing image.



sketch of the installation

technology
the overheadbots are actually simple sun-eaters based on mark tilden's beam technology. the only difference is that their solar-panel instead of facing upwards face downwards to the light of the overhead.a first working technological prototype using 3 overheadbots and an overhead has been build.



the overheadbots projected on the screen



the overheadbots on the overhead

there is also a little movie you can download at the following address:
http://derstrudel.org/videos/overheadbots.mov
for the exhibition i propose to build and bring about 10-20 robots, with nicer color umbrellas on top of them.

references
mark tilden, http://www.nis.lanl.gov/projects/robot/ , http://solarbotics.com
ralf schreiber & tina tonagel, 60 minutes bot workshop, artbots 2005 http://artbots.org