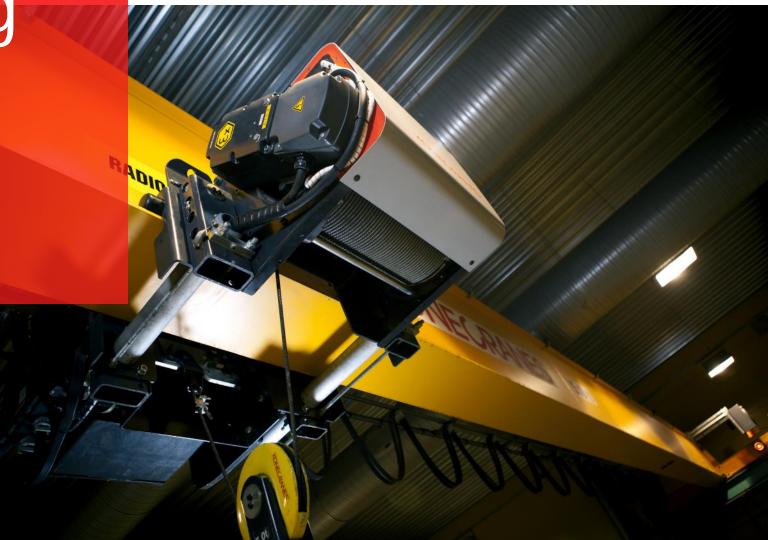
AnakConda Universal lifting device





Background

- No matter how advanced the technology is or how powerful the functions are, cranes with traditional hooks cannot realize fully automatic operation for their reliance on manual attaching and detaching hooks.
- We have one promising idea as an universal gripper



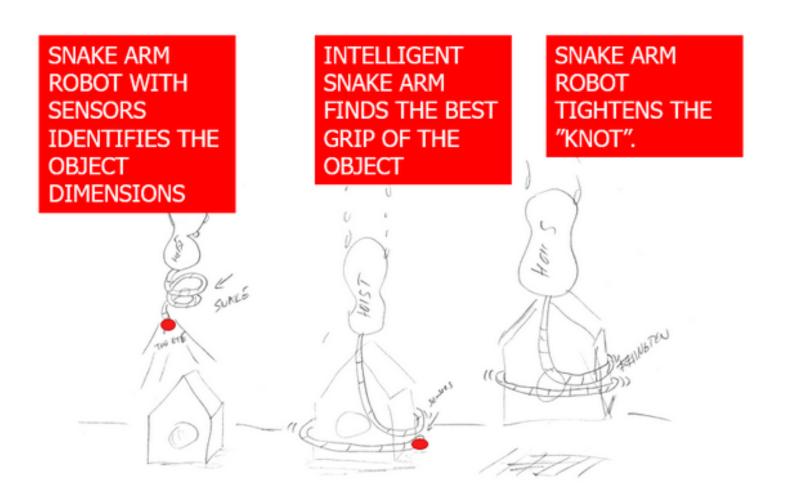




https://phys.org/news/2013-03-robot-snakeautomatically-thrown-video.html

NATURE





Requirements and expectations

Design and prototype a "Anakonda" universal lifting device which can be attached to various size and shape of loads.

Requirements

(MUST) Mechanism cannot make damage for the load

(MUST) Adjustable for different sizes and shapes of load (at least 3 different objects)

(MUST) Low cost

Deliverables

Installed working prototype in Aalto Ilmatar

Short introduction video of the device

Final presentation (Power Point)