Computer ethics (?)

L. Consoli, 18-11-2024

Food for thought I

Is this the future?

The broader topic: autonomous machines (we are not talking about intelligent machines...yet)
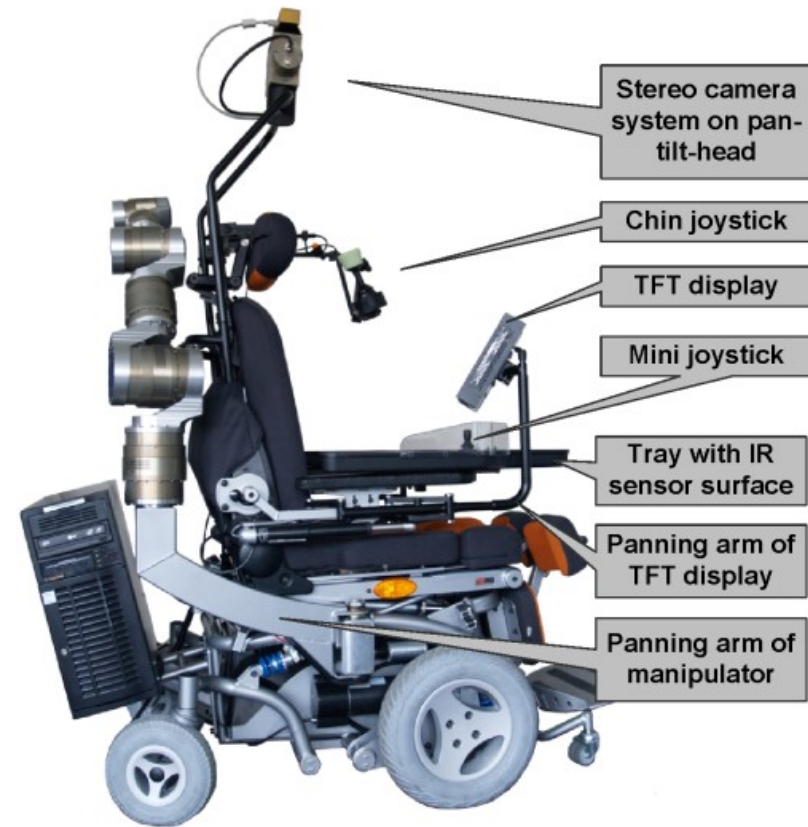
- How do you think about responsibility / liability / accountability?
- Relationship between the concept of '(moral) agent' and 'autonomous machine'
- Later on we can add (artificial) intelligence...

'Killer robot – armed autonomous systems capable of killing without human input

Lethal autonomous machines

Ideas?

Stereo camera system on pan-tilt-head

Chin joystick

TFT display

Mini joystick

Tray with IR sensor surface

Panning arm of TFT display

Panning arm of manipulator

Care-Providing robot FRIEND

WOULD YOU TRUST A ROBOT TO TAKE CARE OF YOUR GRANDPARENTS?

SHOULD OWNERSHIP INFLUENCE DECISION MAKING OF A CARE ROBOT?

Consider a personal care robot capable of executing everyday nursing tasks at home, comparable to a human nurse.

Case 1: Emma is a 68 years old woman, and an alcoholic. Due to her age and poor health, she's unable to perform everyday tasks such as fetching objects or cooking for herself. Therefore a care robot is stationed at her house to provide the needed services. Her doctor advises her to quit drinking to avoid worsening her condition.

When Emma commands the robot to fetch her an alcoholic drink, should the care robot fetch the drink for her? What if Emma owns the care robot?

When a patient makes a request that goes against his/her doctor's advice, should the robot's decision to obey or disobey depend on who owns the robot (e.g. family member, hospital, insurance company)?

(Source: http://www.openroboethics.org/)

Food for thought II

Deepfakes