

Humanoid Team Humboldt - Technical Questionnaire

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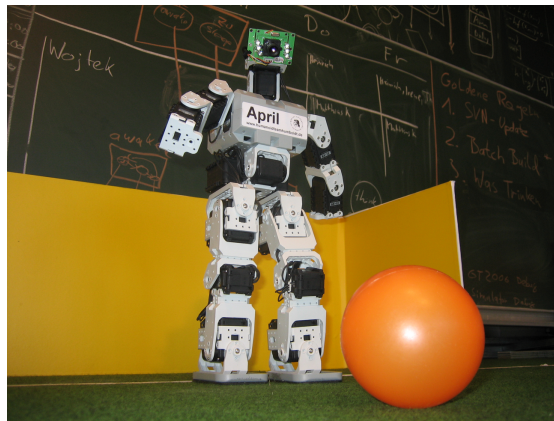


Fig. 1. Robot of the Humanoid Team Humboldt

- Robot
 - Name: HTH/A
 - Height: 42 cm
 - Weight: 2,1 kg
 - Walking speed: 5 cm/sec
 - Number of DOF: 21
- Actuators
 - Type: Robotis Dynamixel AX-12
 - Torque: 16.5 kgf.cm
 - Speed: 0.196 sec/60 degrees
- Sensors
 - Camera: Conrad CCD Color Cam, f=6mm, 582x500 pixel, PAL
 - Acceleration sensors: Analog Devices ADXL213, dual-axis MEMS sensor
- Processing boards
 - PDA Fujitsu-Siemens Pocket Loox 720, Intel PXA272, 520 MHz
 - Robotis CM-5, Atmel ATmega128, 16 MHz