



Evdokimos Theodoridis

Team captain

Democritus Industrial Robotics

dir.com.gr



Bilateral Meetings

- 14:00-14:20
- 14:20-14:40
- 14:40-15:00
- 15:00-15:20
- 15:20-15:40
- 15:40-16:00

Description

We are the industrial robotics team of DUTH and we aim to create an autonomous robot with a customized manipulator on it. The robot is able to perceive objects (eg bolts, nuts), collect them and transport them into a factory or warehouse when requested. We aim to participate at the international Robocup competition.

Organization Type

University

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Country

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Areas of Activities

CT Technologies

1. Machine learning
2. Robotics

Applications

1. Transport and Logistics
2. Creative industries

3. Manufacturing and Industrial software

4. Space and Aerospace

Idea

Autonomous robot for sorting / finding objects

The present robot we are manufacturing will be able to handle objects and map the surrounding space. There are many ways of using it,so we are looking for a "gap" in the industry, in order to tailor its functions accordingly .

Keywords: autonomous robots industry object recognition mapping Industry 4.0

Cooperation Offered

1. Other
2. Technical co-operation

Cooperation Requested

1. Other