



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