Technical Solution

For The ICRA 2019 Robo Master AI Chenllage

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Dongguan University of Technology Electronics and IT 1 Tasks previews

- 2 Hardware
- 2.1 Overview
- 2.2 Advantage and Disvantage
- 2.3 Possible Problems
- 2.4 Solution

3 Software

3.1 Environment

As we know, a robot software system has two parts, the upper computer and the lower computer.

- 3.2 Overview
- 3.3 Frame
- 3.4 The Modules of Perception
- 3.4.1 Detection
- 3.4.2 Tracking and Hitting
- 3.4.3 Localization
- 3.4.4 Path planning

- 4 Decision
- 4.1 Tasks of a robot
- 4.2 Tasks of Two robots

References

[1] Leslie Lamport, $\rlap/E^1T_E\!X$: a document preparation system, Addison Wesley, Massachusetts, 2nd edition, 1994.