

Robotic Self-awareness

May 23, 2019

Authors Names

Abstract

This paper presents the first self-awareness experiments.

1 Introduction

1.1 What is self-Awareness

1.2 Absence of self-awareness and the problems associated with a robot lack of self-awareness

2 Literature review

2.1 levels of self-awareness

2.1.1 Human five levels of self-awareness

2.2 Related literature on self-awareness

3 The Self-Aware Architecture

3.1 Design and Rationale

3.2 Materials and Methods

3.3 Implementation of Level 1

4 Experiment

4.1 Evaluation cases

4.2 Discussion

4.2.1 How to move forward to Level 2

5 Conclusions and Future Work

Work on next level of self-awareness.