Computational Self-Awareness in Musical Robotic Systems

Endowing musical robots with self-awareness — An experimental study

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Abstract

Acknowledgements

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1 Introduction

Engineering a computing system for a certain environment often requires some knowledge of said environement — both on the end of the creator of the computing system, as well as for the computing system in turn. This is at least the case in autonomous computing, where computing systems are supposed to be able to observe, learn, adapt, and act on their own — independently from their creator.

However, predicting all possible future states of complex, dynamic, and ever-changing environments is hard, and at times impossible. This calls for online and continuous learning, don't you think? How to best tackle this problem? Glad you asked. — With Self-Awareness of course. Because ...

TEKST KOPLET OPP MOT RESEARCH-SPØRSMÅLENE MINE

2 Background (-theory)/ Related work

BULLETPOINTS FRA MULIGE INSPIRASJONER OG REFERANSER

3 Tools and engineering?

THAT'S AT LEAST WHAT TØNNES HAD IN HIIIIS

4 Implementation

WORKLOG-MATERIALE DANDERT I HENHOLD TIL GODE MASTER-THESES

5 Experiments and Results

ER DETTE ↑ ET BRA SEKSJONS-KAPITTEL-NAVN DA?