

Askesis: Introduction

Eric Purdy

May 14, 2018

- Audience - neuroscientists at this point
- What's accepted/known vs. what I'm doing
- Where is this coming from - applying modern machine learning techniques
- Terminology is new
- We propose novel capabilities that emerge from known connections and learning mechanisms. These novel capabilities are plausible candidates for the function of the cerebellum. The emergence of the capabilities is in keeping with well-understood machine learning research.
- Point out where divergence happens
- Spell out relationship between neuroscience and machine learning aspects of this
- We plan to implement these algorithms and use them to solve problems in machine learning and robotics.