Toward a Roadmap for Human-Level Artificial General Intelligence: Embedding HLAI Systems in Broad, Approachable, Physical or Virtual Contexts

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Overview

1. Abstract
2. Terminology
   - Context
   - Breadth
   - Accessibility
   - 3D Embodyment
   - Reality Testing
3. Overview of the AGI Roadmapping Process
   - AGI Roadmapping Process
   - Long-Term Goals of HLAI
1. Abstract
1. Abstract

- How to create a roadmap for the development of Human-Level Artificial general Intelligence (HLAI)

This paper
How to create a roadmap

Roadmap
How to create an AI

AI
2. Terminology
2-1. Context

Environment
What I see, listen, ...

Goals
What I have to do
2-2. Breadth

- Richness of Input Information

![Diagram showing raw, normalized, and resampled data with high and low breadth](image_url)
2-3. Accessibility

- Getting knowledge through its own experience

Accessible  Pre-programmed
2-4. 3D Embodiment

AI in a chatbot

AI in a 3D virtual world

AI in a robot
2-5. Reality Testing

- Are humans actually doing that?

Human-like

Not human-like
3. AGI Roadmapping Process
3-1. AGI Roadmapping Process

- Identify the “end product”
- Identify the environments
- Specify major “incremental capabilities”
- Specify methods of evaluating
- Identify technology alternatives
3-2. Long-Term Goals of HLAI

- Pass the Turing Test
- Pass the Total Turing Test
- Pass the Virtual World Turing Test
- Pass the Telerobotic Turing Test
- Pass a general IQ test
- Pass the Online University Test
- Pass the Artificial Scientist Test
Thank you!