

# Transitioning to World Action Models

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## Topic

Architectural Evolution in Embodied AI

## Background

Traditional world models primarily focus on simulating environmental dynamics and predicting future states based on passive observations, or by treating actions as inputs. However, advancing physical intelligence requires treating actions as outputs.

## Assignment Task

Detail the architectural and conceptual transitions required to evolve a traditional world model into a World Action Model. Your response should address how actions can be learned.

## Submission Expectation

Prepare a rigorous, self-contained written response that defines all key assumptions, uses precise technical terminology, and supports the argument with mathematical, architectural, or conceptual reasoning where appropriate.