

# Design Tools for Verification

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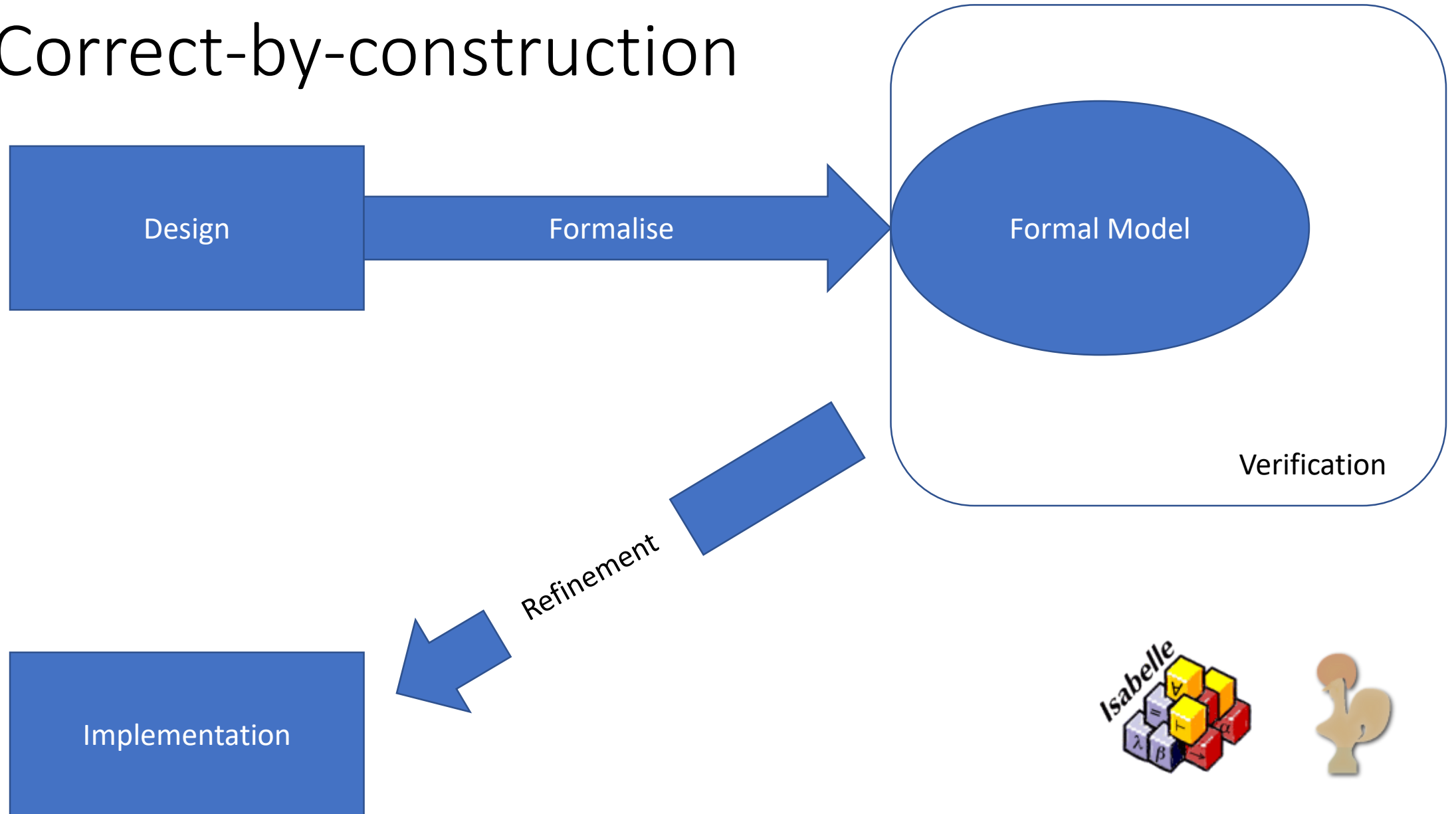
Griffith University



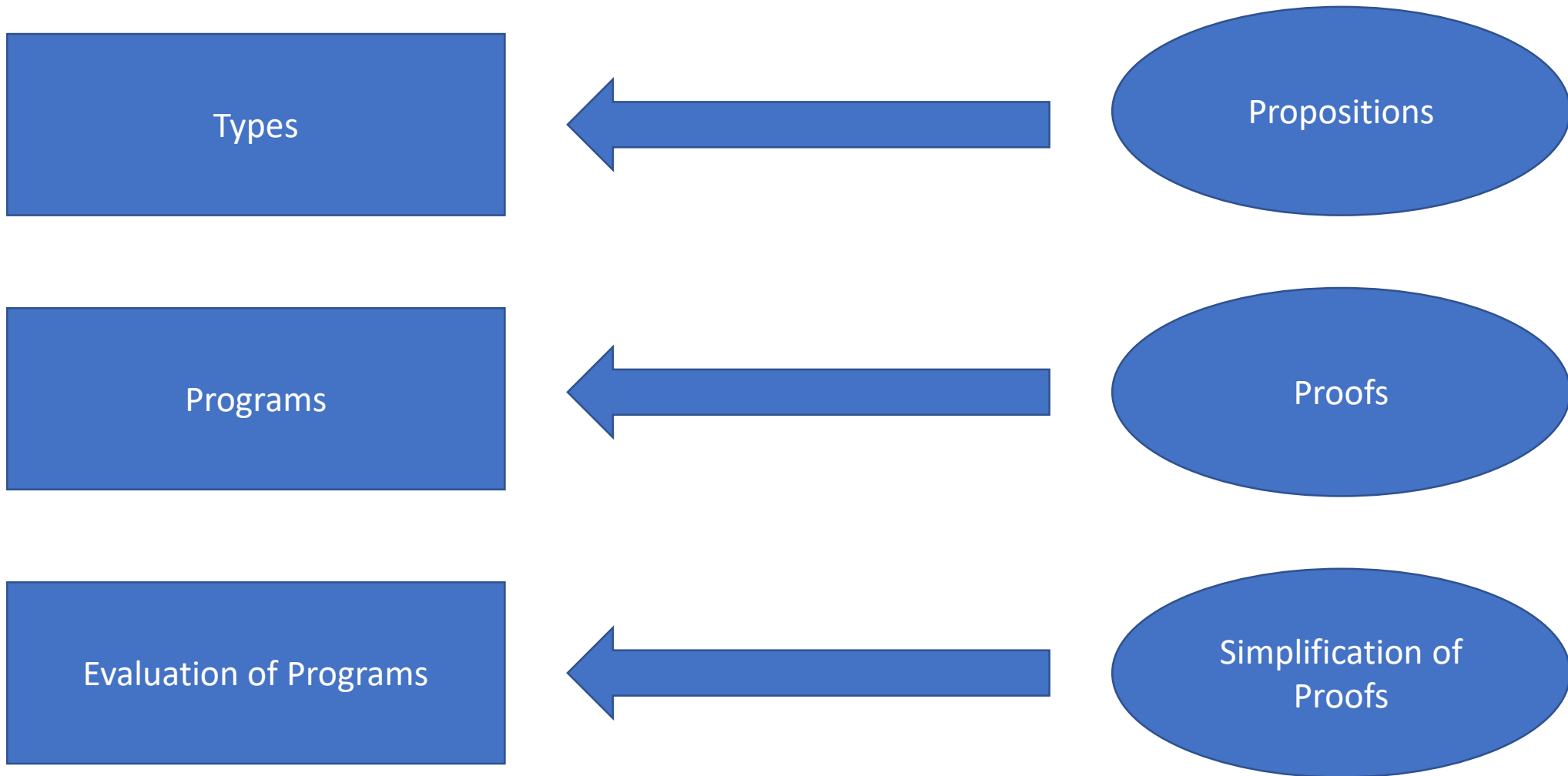
“We should be certain what the autonomous system intends to do and how it chooses to go about this.”

--Michael Fisher,  
ICRA 2016

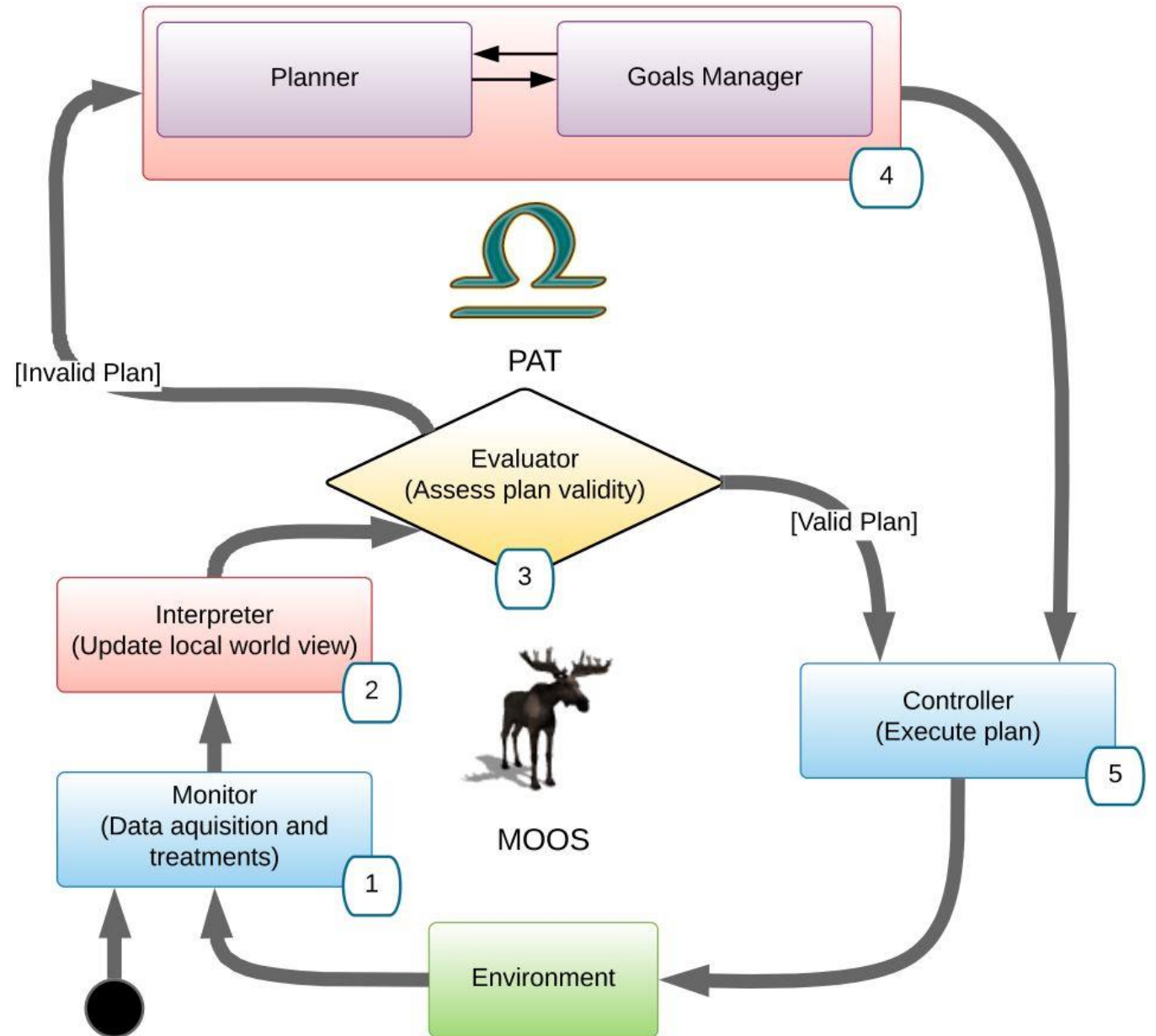
# Correct-by-construction



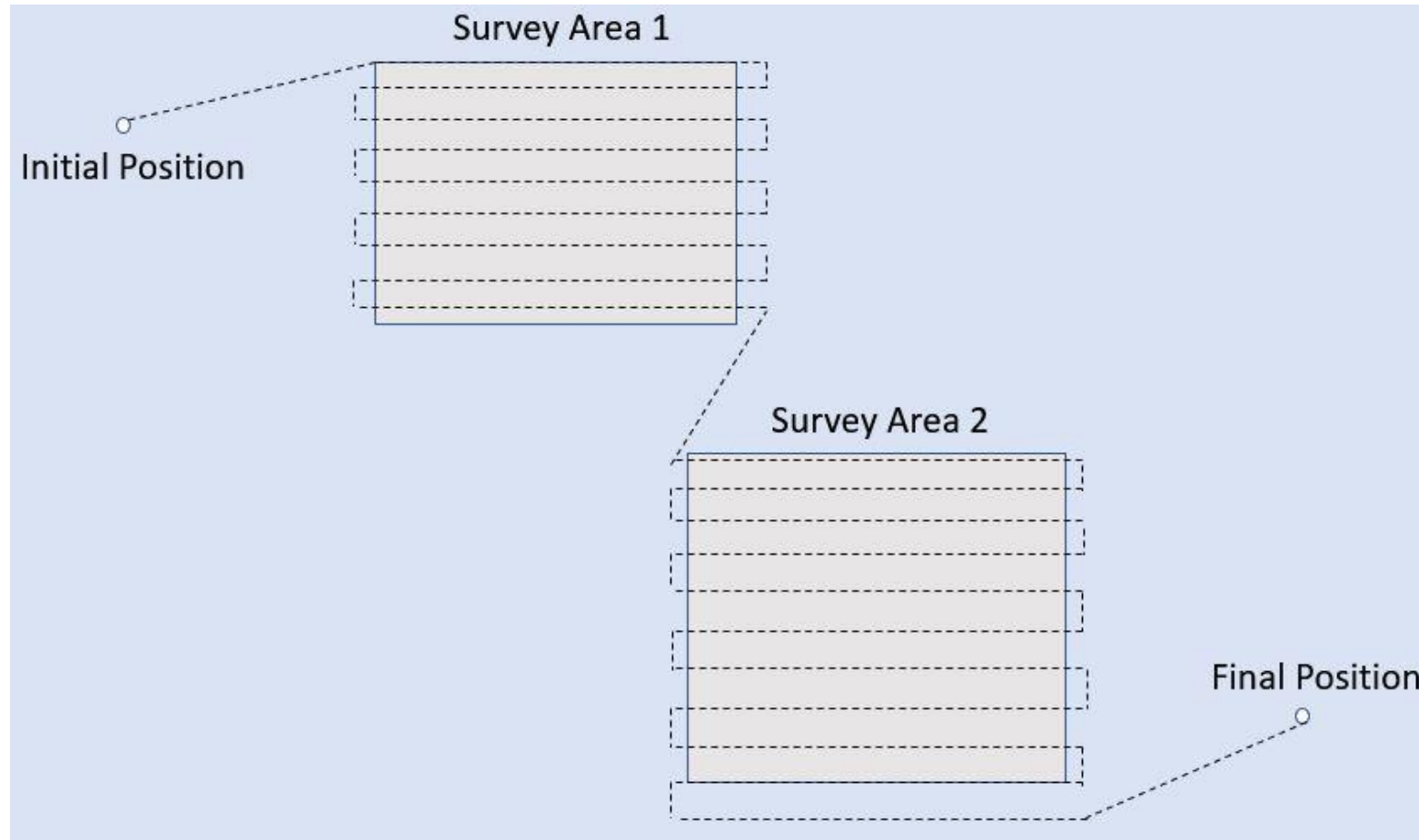
# Curry-Howard Correspondence



# GRAVITAS: Goal Reasoning And Verification for Independent Trusted Autonomous Systems



# Overall Mission



Simulation

