

TODO Title

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1 Section

1.1 Robo Cup Idea

The Robo Cup Logistics League (RCLL) is designed to represent a common scenario in Industry 4.0. The challenge consists in assembling products based on dynamic custom orders in a real-time environment. This leads us to a consistent stream of orders and individual delivery windows.

1.2 Reinforcement Learning approach

We present a solution using Reinforcement Learning (RL), to tackle the problem of deciding which product the robots need to process next. For this we leave the flexibility open to let the model select between all intermediate steps of each individual product.

References