2site robocin

Categories

SSL

1. Sugestão de texto: mudar "15 cm in size" para "150 mm in height".

Small Size League   RoboCup I LARC

The Small Size League (SSL) represents a competition that demands proficiency across various domains. Our endeavors encompass the development of mechanical models, electronic systems, communication protocols, and the implementation of artificial intelligence for our robots. An SSL match unfolds between two teams, each comprised of six robots. These robots are constrained by specific dimensions; they must fit within a 180 mm diameter circle and should not exceed 15 cm in size. Notably, our vision system, which processes data from four cameras, plays a crucial role in identifying and normalizing all objects within the field.

2. Atualização da tabela LARC 2023: 1st

YEAR	LARC	ROBOCUP
SSL - Results		
2023	N/A	1st Div B, 1st Ball Placement Technical Challenge, 5th Chip Pass Challenge
2022	1st	1st Div B, 1st Ball Placement Technical Challenge, 2nd Vision Blackout, 3rd Dribbling Challenge
2021	1st	3rd Div A/B, 1st Ball Placement Technical Challenge, 5th Hardware Challenge

VSS

1. Correção do texto em inglês: mudar "Nossas abordagens" para "Our approches"

Nossas abordagens

Deep Learning

we employ reinforcement learning to train our agents, whereby rewards are assigned for both favorable and unfavorable actions. This method encourages the agents to maximize their rewards, ultimately leading to optimal decision-making in various game scenarios.

Determinic

we utilize deterministic algorithms in our approach to guide our robots' actions. This entails meticulously programming the strategic decisions executed by our players.

2. Atualização da tabela LARC 2023: 2nd

▼ VSSS - Results		
YEAR	LARC	IRONCUP
2023	N/A	2nd
2022	1st	3rd

2D

1. Atualização da tabela LARC 2023: 1st

▼ 2D Simulation - Results			
YEAR	ROBOCUP	LARC	IRONCUP
2023	6h	N/A	2nd
2022	10th	1st	3rd

Publications

Publicações para adicionar:

1. https://link.springer.com/chapter/10.1007/978-3-030-98682-7_14

2. https://link.springer.com/chapter/10.1007/978-3-030-98682-7_5

3. https://link.springer.com/chapter/10.1007/978-3-030-98682-7_16

4. https://link.springer.com/chapter/10.1007/978-3-031-28469-4_9

5. https://link.springer.com/chapter/10.1007/978-3-031-55015-7_8