M2R MOSIG - 2022

Robots playing table tennis, what is next..?

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Main Facts

Article: "Watch a robot playing table tennis after just 90 minutes of training"

01

The team

A research group of the University of Tübingen in Germany

02

The task

Learn how to play table tennis, considering all the physical constraints of the game.

03

The technology

A mix of Machine Learning techniques with a sophisticated robotic arm.

04

Training Time

Only 90 minutes to train an algorithm capable of playing against an average player.

05

The Limitations

Fail in edge cases (i.e. ball too fast / slow)
Physical limitations of the robot.

Opinion

- Impressive work.
- Highly complex tasks = precision + technique.
- Multiple physical phenomena.
- AI + Robotics = Games / sports industry disruption.
- **Ethical concerns:**

  Dangerous use cases (weapons, surveillance, etc).

  Threats: massive loss of jobs, no regulation.

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