

REINFORCEMENT LEARNING FOR AUTONOMOUS QUADROTOR HELICOPTER

Oct 23, 2020



[Control of a Quadrotor with Reinforcement Learning](#)

Control of a Quadrotor with Reinforcement Learning von aslteam vor 3 Jahren 4 Minuten, 21 Sekunden 24.711 Aufrufe In this video, we demonstrate a method to control a , quadrotor , with a neural network trained using , reinforcement learning , ...

[Learning to Fly: Computational Controller Design for Hybrid UAVs with Reinforcement Learning](#)

Learning to Fly: Computational Controller Design for Hybrid UAVs with Reinforcement Learning von MIT Computational Fabrication Group vor 1 Jahr 4 Minuten, 22 Sekunden 3.423 Aufrufe To appear at SIGGRAPH 2019.

[Aggressive Maneuvers for Autonomous Quadrotor Flight](#)

Aggressive Maneuvers for Autonomous Quadrotor Flight von TheDmel vor 10 Jahren 1 Minute, 27 Sekunden 2.567.973 Aufrufe Control of precise aggressive maneuvers with an , autonomous quadrotor helicopter , . This is a small , autonomous , Unmanned Aerial ...

[Introduction to Reinforcement Learning: Chapter 1](#)

Introduction to Reinforcement Learning: Chapter 1 von Henry AI Labs vor 1 Jahr 12 Minuten, 49 Sekunden 8.860 Aufrufe Complete , Book , : <http://incompleteideas.net/>, book , /RLbook2018.pdf Print Version: ...

[Deep Learning with Python \(Book Review\)](#)

Deep Learning with Python (Book Review) von Dimitri Bianco vor 7 Monaten 7 Minuten, 16 Sekunden 1.978 Aufrufe I am happy to have read, \", Deep Learning , with Python\" by Francois Chollet. The , book , is a 5/5 stars! He lays a easy to understand ...

[Machine Learning for Robotics](#)

Machine Learning for Robotics von VideoLecturesChannel vor 7 Jahren 56 Minuten 3.479 Aufrufe VideoLectures.Net View the talk in context: http://videlectures.net/ecmlpkdd2012_abbeel_learning_robotics/ View the complete ...

[AI Learns to Park - Deep Reinforcement Learning](#)

AI Learns to Park - Deep Reinforcement Learning von Samuel Arzt vor 1 Jahr 11 Minuten, 6 Sekunden 1.187.293 Aufrufe An AI learns to park a car in a parking lot in a 3D physics simulation. The simulation was implemented using Unity's ML-Agents ...

[Can deep learning predict the stock market?](#)

Can deep learning predict the stock market? von Leo Isikdogan vor 1 Jahr 8 Minuten, 10 Sekunden 38.704 Aufrufe Check out my follow-up video where I explain how some financial market crashes can be predicted: <https://youtu.be/6x4-GclFDIM>.

[Best Machine Learning Books](#)

Best Machine Learning Books von Python Programmer vor 1 Jahr 6 Minuten, 45 Sekunden 55.353 Aufrufe Best , machine learning books , - these are the best , machine learning books , in my opinion.

[DIY Indoor Autonomous Drone! - Part 1 \(Pixhawk \u0026 Hardware Setup\)](#)

DIY Indoor Autonomous Drone! - Part 1 (Pixhawk \u0026 Hardware Setup) von SimpleKernel vor 2 Jahren 4 Minuten, 6 Sekunden 29.293 Aufrufe This video will show you setting up a drone with a Pixhawk flight controller module, a camera suitable for , machine , vision, and an ...

[The astounding athletic power of quadcopters | Raffaello D'Andrea](#)

The astounding athletic power of quadcopters | Raffaello D'Andrea von TED vor 7 Jahren 16 Minuten 9.366.621 Aufrufe In a robot lab at TEDGlobal, Raffaello D'Andrea demos his flying quadcopters: robots that think like athletes, solving physical ...

[XVII Semana de Engenharia Aeron\u00e1utica - Live: Machine Learning Applied to Aviation](#)

XVII Semana de Engenharia Aeron\u00e1utica - Live: Machine Learning Applied to Aviation von SEA USP vor 3 Wochen gestreamt 1 Stunde, 48 Minuten 527 Aufrufe Aten\u00e7\u00e3o, passageiros da XVII Semana de Engenharia Aeron\u00e1utica! Estamos em rota de aproxima\u00e7\u00e3o da nossa pr\u00f3xima live: ...

[These books will help you learn machine learning](#)

These books will help you learn machine learning von Daniel Bourke vor 1 Jahr 10 Minuten, 23 Sekunden 98.966 Aufrufe Machine learning , engineer Daniel Bourke shares some of the best , books , for learning , machine learning , . I've been learning ...

[\(Deep\) Learning to Fly by Krzysztof Kudrynski and Blazej Kubiak](#)

(Deep) Learning to Fly by Krzysztof Kudrynski and Blazej Kubiak von Devovx vor 2 Jahren 48 Minuten 2.025 Aufrufe What does it take to make the , machine , understand its environment while moving around (or flying)? How to teach a drone to race ...

[How to Build Your Own Flight Controller // The Anatomy \[Part 1\]](#)

How to Build Your Own Flight Controller // The Anatomy [Part 1] von Drone Mesh vor 1 Jahr 21 Minuten 33.436 Aufrufe Make Sure to checkout PCBWAY for manufacturing greatly recommended as I order all my projects from them. <http://pcbway.com> ...

Reinforcement Learning For Autonomous Quadrotor Helicopter

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