Path Planning

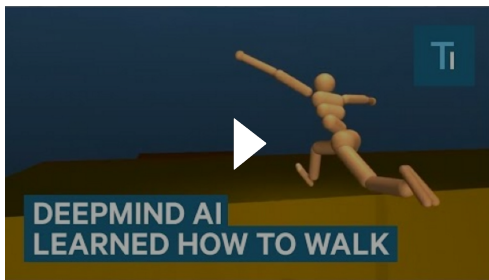# Mobile Robotics

Mechanical Control Systems

Position Estimation

[Google's DeepMind AI Just Taught Itself To Walk](#)

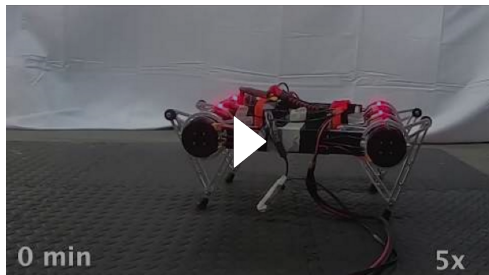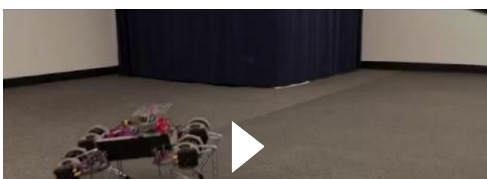http://handbookofrobotics.org/view-chapter/videodetails/1

[3D Printed Robot Cat learns to walk with Machine Learning (Genetic Algorithm)](#)

[Learning to Walk via Deep Reinforcement Learning](#)

https://www.youtube.com/watch?v=lUZUr7jxoqM
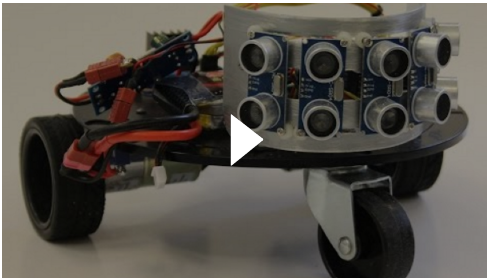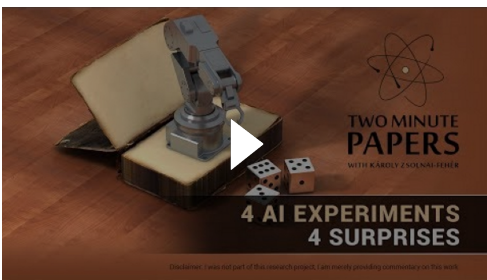
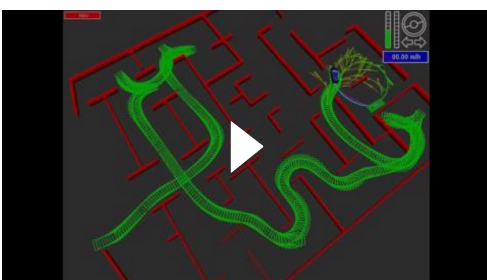[Autonomous Self-Learning Robot (Q-Learning)](#)

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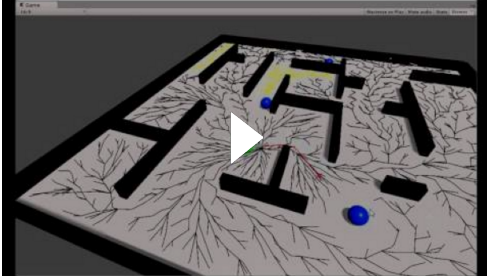

[4 Experiments Where the AI Outsmarted Its Creators 😈](#)

[A* in Action - Artificial Intelligence for Robotics](#)

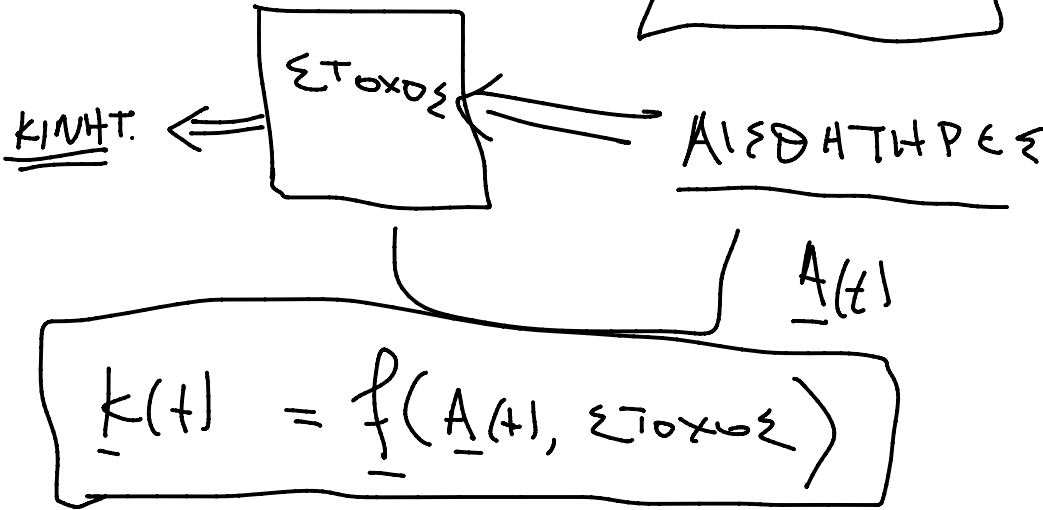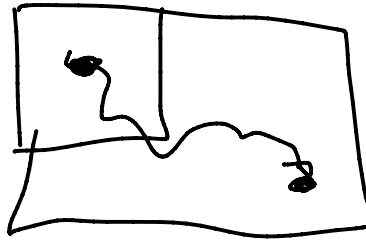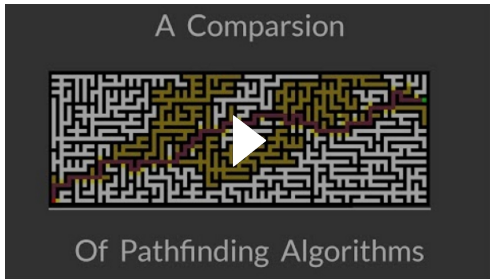https://www.youtube.com/watch?v=QLNSkFnBYuM

Meet the Robots at Amazon

Inside A Warehouse Where Thousands Of Robots Pack Groceries

BMW Car Factory ROBOTS - Fast Manufacturing

A Comparsion of Pathfinding Algorithms

A Comparsion
Of Pathfinding Algorithms

ΣΤΟΧΟΣ

ΚΙΝΗΤ.

ΑΙΣΘΑΤΗΡΕΣ

$\underline{A}(t)$

$$\underline{K}(t) = \underline{f}(\underline{A}(t), \Sigma TOXO\Sigma)$$

Στα πλαίσια της πρώτης διάλεξης του μαθήματος προβλήθηκαν βίντεο τα οποία άμεσα ή έμμεσα έχουν σχέση με τα επιστημονικά αντικείμενα που θα ασχοληθούμε στο μάθημα. Μπορείτε να τα δείτε στις ακόλουθες διευθύνσεις:
Meet the Robots at Amazon
Inside A Warehouse Where Thousands Of Robots Pack Groceries
BMW Car Factory ROBOTS - Fast Manufacturing

Google's DeepMind AI Just Taught Itself To Walk

3D Printed Robot Cat learns to walk with Machine Learning (Genetic Algorithm)

Learning to Walk via Deep Reinforcement Learning
https://www.youtube.com/watch?v=lUZUr7jxoqM
Autonomous Self-Learning Robot (Q-Learning)
AI Learns to Park - Deep Reinforcement Learning
4 Experiments Where the AI Outsmarted Its Creators 😈
A* in Action - Artificial Intelligence for Robotics
https://www.youtube.com/watch?v=QLNSkFnBYuM
A Comparsion of Pathfinding Algorithms

Επίσης μερικά video που δεν προλάβαμε να δούμε, κυρίως λόγω μεγέθους:
https://www.youtube.com/watch?v=bBnhdj9IqFg


```
Hello before fork
Process: 5997 -> GlobI = 3
Process: 5997 -> LocI = 3
Final Results Process: 5997 -> GlobI = 3 , LocI= -13
Process: 0 -> GlobI = 23
Process: 0 -> LocI = 23
Final Results Process: 0 -> GlobI = 23 , LocI= 7
```