

Robotics Reflection Assignment

Student Name:

Date Given :

Period:

Due Date:

Points: 40

Go to the following website: <https://www.youtube.com/watch?v=-tS1tv4wL7g>

Submit your assignment to [MaddensClass.com](https://maddensclass.com)

Please see attached document for paper requirements (formatting)

Write a 3 pages (Minimum) Essay. Provide an introduction and a conclusion for this essay.

This video considers the talk by Torsten Kroger. While he makes many valuable points. I would like you to focus on what he believes engineers are capable of doing and the importance he puts on it. Within the opening paragraph please answer the first three questions then incorporate the rest in the essay:

1. Give three examples of how robots physically interact with the world?
2. Define Speech Recognition, Artificial Intelligence, and Robotics
3. What is the purpose of the video showing the robot inserting the battery into a cell phone? Justify your answer
4. Explain how robots can replicate human reflexes? Justify your answer
5. Explain how velocity vectors impacted the movement of a robot as shown in the video

6. Explain The difference between the robots named Atlas and spot along with what the latest version of spot can do.
7. Define the following terms : Machine learning, Motor recognition, speech recognition, motor currents
8. What was the purpose of the data driven robots' experiment? Justify answer
9. What is the future of robotics? Justify your answer with evidence . Site two sources