Robotics and Artificial Intelligence Research Summary

According to the dictionary, robotics is 'the branch of technology that deals with the design, construction, operation, and application of robots' (Google dictionary). In other words, it is a branch if engineering which concerns building robots, whether it comes to their conception and operation of robots. This is a large field of computer science that also involves many other fields such as artificial intelligence for example.

Artificial Intelligence or AI for short is the 'simulation of human intelligence processes by machines, especially computer systems'. Artificial Intelligence includes many different factors. These factors include learning, reasoning and self-correction. There are different types, or classification, of artificial intelligence. These are strong artificial intelligence or weak artificial intelligence.

Weak artificial intelligence also known as narrow artificial intelligence is a system that is created an programmed for a specific task. An example of this would be Siri. To go onto more detail, the approach taken when it comes to weal AI is that computers cannot achieve any kind of real consciousness and will always be nothing more than the simulation of human cognitive function. They will always be bounded by the rules it's imposed to by the programmer.

Strong artificial intelligence which is also known as artificial general intelligence is a system that is able to find the solution of a task it is unfamiliar with. One test, although controversial, of knowing if an artificial intelligence system is a strong artificial intelligence system is the Turing test.

Websites I used:

http://whatis.techtarget.com/definition/robotics

http://searchcio.techtarget.com/definition/AI

https://www.techopedia.com/definition/31621/weak-artificial-intelligence-weak-ai