



CYBERNATICS IN ARTIFICIAL INTELLIGENCE

(Alternate Memory Backup Technology)

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ABSTRACT

This is an interaction between different machine parts that generate feedback from different devices in the form of feedback and communication. This is a technology that determines our social environment and cultural structure. This technology shows us how a technology play role in our society and the broader system of our world. There are too many examples of cybernetic systems such as autonomous control of various devices in technology. For example, an automatic AI pilot or controller that can easily control room temperature, electronic computers, human brains, biological devices, weapons, various populations, as well as the structure of our human society.

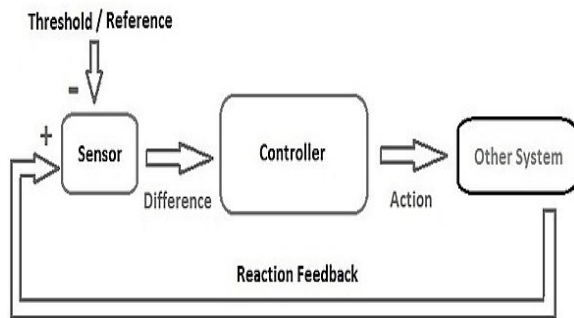
INTRODUCTION

Cybernetics is a problem solving process for building control systems and a process of autonomous nature of computers and living organisms in our social structural systems. This creates a defined view of animation & animated system in a knowledge of different autonomous domain that are interconnected indifferent AI structures. A explanation of

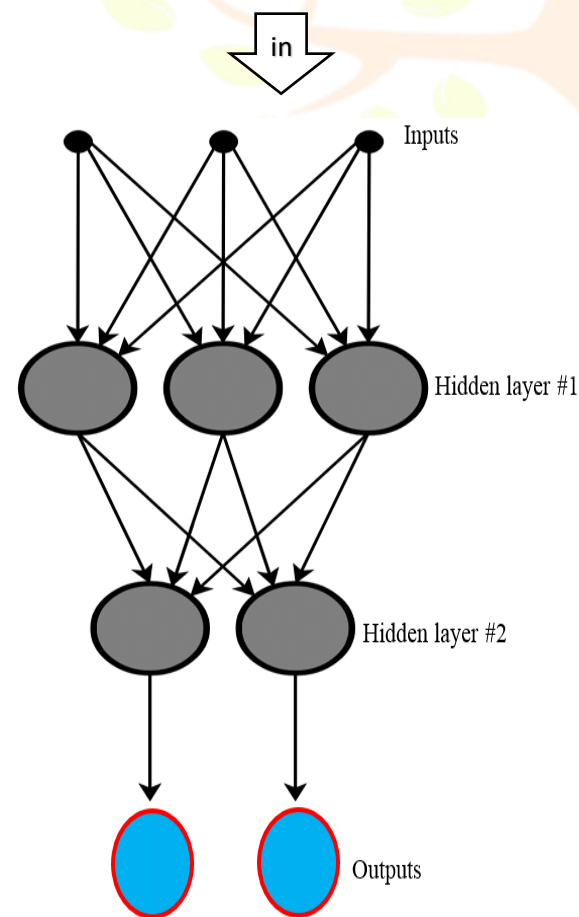
A.N. Kolmogorov is that the scientific study of our system nature , that means the

which is the ability to receive, store and process information. So we can use it to control the machines automatically. Information is the most important concept that cybernetics has produced. In the structural study of cybernetics, behavior is the means to study the design structure and

function of our social systems, such as management in different business areas and structural learning, including for the more effective, responsiveness, improve effectiveness & reduce bugs & improve flexibility between them. Input – output structure process for receiving & how to



A cybernetics loop



Artificial intelligence I/O procedure

LITERATURE SURVEY

Artificial intelligence is a forward-looking technology. AI enables a system to become ubiquitous. New AI problem-solving techniques are being developed to address business, environmental, and political challenges, technical or non-technical, while processing system behavior. This has implications for public discourse, education, and consumers.

Cybernetics in AI is a technological way to create a machine that has an AI-based brain that allows the machine to receive multiple structural and non-structural data simultaneously or in multiple time periods from user requests and other types of input and provide a satisfactory result from its AI brain that has minimally the same power as a human brain, but not so much the same.

When both's of two technology combined together, the result is an AI-based brain that has several qualities of PLC technology that allows a machine to operate according to a predefined rule, that we call "coding" in our technological terms".

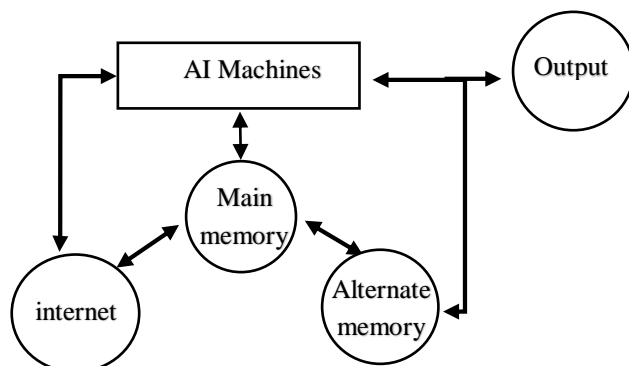
But as we know, all machines worked with a predefined memory system or a device that was directly connected to the Internet.

However, there was a problem: if the system cannot access the Internet or the connection is interrupted, the answers to the questions entered by the user may not be stored in the memory of RAM. So the devices can not get

the result so we remove this problem & I provide a solution to this problem.

Here we create an alternative memory backup management system which has worked on probability system. This system has improve the memory or connection lost problem & generate most of the user's response queries like human brain, so we finally called a proper AI based robotics technology & that was basically a future of our daily life structure environment. This system will used in car, transports vehicles like truck, buses, metros railway, mobile devices like

1. "SIRI" in apple IOS android mobile & laptop or other electronics, Which we say "Hey SIRI"
2. "Hey Bixby" in Samsung android devices, for accessing Samsung electronics AI based devices.
3. "Hey Google" in normal android devices that have a Google assistance AI based technology to control the devices.
4. So now try to show you diagrammatically how this system worked in future through the idea of our research.



OBJECTIVE

The main goal of this function is to maintain smooth communication without any blurring. The continuation of resources creates a satisfactory result in cybernetics. This new technology changed how people live, work and communicate. But the same technological capabilities have the potential to help billions of people live happier, more productive lives.

System aspects related to Cybernetics & Robotics programme:

1. System aspects of area in this course
 - a. Dynamics – Linear & non- linear systems.
2. Entropy and information –
 - a. Identify measure system disorder and quantify information using probability.
 - b. Information exchanging.
 - c. How to transmit or exchange information.
 - d. Communication channel, data compression.
 - e. Algorithmic entropy, decidability
3. How to identify system complexity without using probability of problems.
 - a. Artificial intelligence.
 - b. Controlling systems.

New challenges for citizens & our national or international government.

factories, this production reduce the cost and effort or work loss.

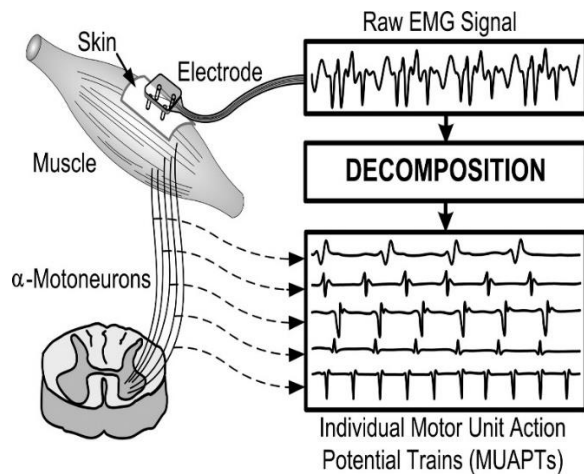


Fig: Show how continues flow travels (ARAS)

13 Examples of AI in Customer Service

1. Chatbots
2. Virtual Assistants
3. Automated Phone Systems
4. Natural Language Processing
5. Sentiment Analysis
6. Predictive Analytics
7. Email Automation
8. Voice Recognition
9. Image Recognition
10. FAQ Automation
11. Personalized Recommendations
12. Virtual Reality
13. Social Media Monitoring

Advanced robotics autonomous system

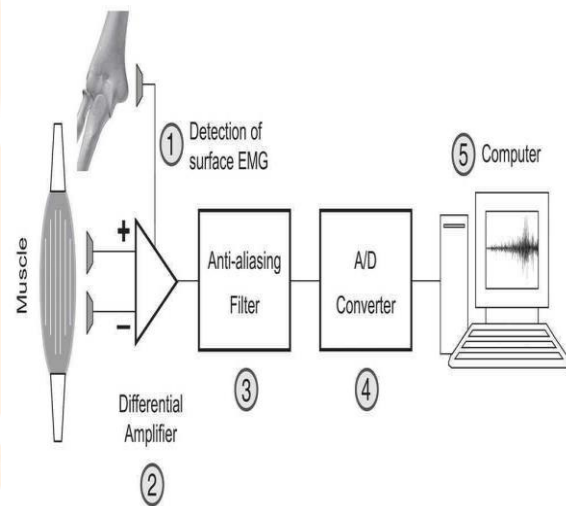
To maintain this AI flow, we need to maintain both hardware and software resources. So we need to maintain the continuous resources, so we need to create backup hardware so that there are no interruptions in proper communication.

CONCLUSION

The primary goal of project was initially to maintain constant accessibility. One of the universal truths of customer needs, regardless of the target audience.

To incorporate cybernetics into AI, we need continuous autonomous operations and adequate connectivity.

The continuous autonomous system creates a proper automated work production for large and in small time large production due to a loss of proper communication, through which we can increase the speed of production



REFERENCES

1. <http://www.googles.com/>
2. www.jhllabs.com/