

A REVIEW OF ARTIFICIAL INTELLIGENCE AND ROBOTICS

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Abstract - The paper reviews focusing on embodied artificial intelligence. It considers models of the artificial consciousness agent-based artificial intelligence. it conclude that the achievement of the field are the meager.

Keyword : Artificial Intelligence Embodied Intelligence , Machine Intelligence , Natural Intelligence. PSS(Power System Stabilizers)

Introduction: Artificial Intelligence,Robotics have a common root and a (relatively) long history of interaction & scientific discussion. The birth of Artificial Intelligence, Robotics is the notation of Intelligent Machines. It is commonly considered as ability to collect knowledge and reason about knowledge to solve complex problems. In the near Future intelligent machines will replace the human capabilities in many areas . AI is different from psychology. Because it's emphasis on computation & is different from computer Science because its emphasis on perception Reasoning & action. AI has the advantages over the Natural Intelligence as it is more permanent , less Expensive , has the ease of duplication can be used to perform certain tasks much faster than he human.

AREAS OF ARTIFICIAL INTELLIGENCE :

1. Language understanding
2. Problem solving
3. Learning and adaptive system
4. Perception(visual)
5. Modeling
6. Robots
7. Games
8. Computer games solved with AI
9. MRI Brain tumor Analysis
10. Embodied Intelligence

Current work : AI is affecting the lives of Regular people from moment to moment the machines to think analytically using the Examples of AI that we are already use are self-driving cars , instant machine translation role in the various fields online communicating. searching web and online purchases, map & road tracking , Google's AI-powered predictions & location search & its application

Conclusion :The field of AI gives the ability to the machines to think analytically using the concepts of the Artificial Intelligences will continue to play an important role in various fields . This paper is based on the concepts of Artificial Intelligence , areas of Artificial Intelligence that used in the PSS. (Power System Stabilizers) . The Artificial Intelligence can be use to perform various difficult tasks that a normal human cannot do in his or her daily life, complex task and complex program can be solved using AI. This technology & its application will likely have Far-reaching Effects on human life in years to come.

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