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SECOND SESSIONAL EXAM

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SUBJECT NAME: - ARTIFICIAL INTELLIGENCE

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Aguence of moves that closely lead to a strong advantage of one player, but where the sequence of moves.

Although potentially obvious to a human player, takes more moves than is allowed by the bounded Search.

This bounded minimax search problem is Horizon Effect-

The principle behind is that the search tree is only examined to a particular depth. I'll nodes of this depth are considered to be leaf nodes which are evaluated using a static evaluation function.

O Vision Processing

Computer vision involves acquiring & interpreting

the orich visual world around us. There is a 7CSB

faculty members & more than 20 across all of SCS,

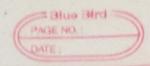
whose research spams various aspects of computer

vision, including one core vision capabilities,

castography, and photo interpretation, biology motivate

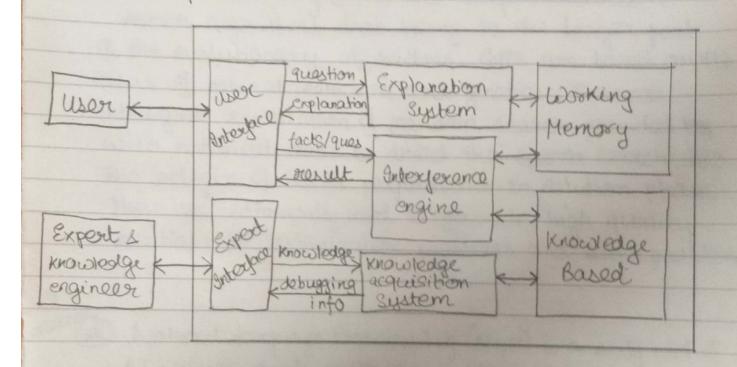
vision, people image analysis & the converge of

computer vision & graphics.



Expert System and a specialisted type of knowledge based system because they have the knowledge (that) comes directly from those is no have worked for years within the domain). It is a knowledge gained from leaving.

Eg:- MYCIN, DENDRAL, RIIXCON, PXDES, CODOL, Dxplain.



Components; D knowledge based

(2) Working memosy

(3) Interference engine

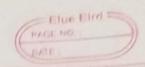
(4) Explanation system

(5) User Interface

(6) Knowledge engineer

(7) System engineer

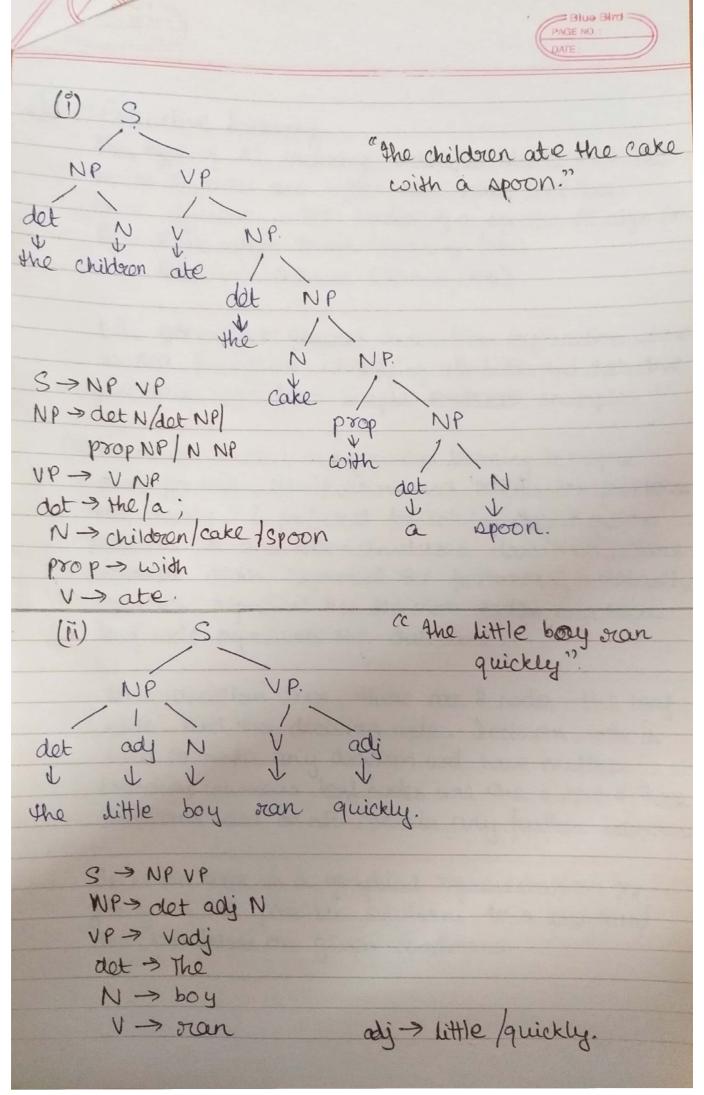
(8) Users.

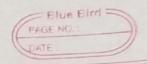


- Dely driving and Internet cors. It is also used in humaned trobots which can sense their environment quite well and interact with their sucroundings.
- E) Genetic leavining (GR'S) are adaptive heuristic search algorithms that belong to the larger part of the evolutionary algorithms. GR'S are based on the ideas of natural selection and genetics. These are intelligent exploitation of transform search provided with historical data to direct the sports search into the troligion of botter performance in solution phase. They are commonly used to generate high quality solutions for optimization problems and search problems.

(a) Natural language Porocessing (NLP) is a subjected of AI which deals with the methods of communicating with the computers in on's own natural language.

1	, \	1	1	J.
dexical	Syntactic	Semantic	Discourage integration	Progmetic
Ambiguity of a	occurs when a	the meaning of	Arises due to the use of	situation who
single	passed in	the wovels themselves can	anaphora	phoase gives it multiple
word.	A STATE OF THE PARTY OF THE PAR	be mistriterpreta		interpretation





(b) (i) Deductive Jearning.

This type of AI learning technique starts with the series of scules and inferes now scules that are more efficient in the context of a specific AI algorithm.

Eg:- Explanation Based Learning (EBI)

Revelance-O Based Jearning (RBI)

EBL governous general rules from explanation where as RBL focuses on identifying attributes and deductive generalizations from simple explanation example.

(ii) Decision Torce is a supervised learning tehnique used for both classification and oregression problems but mostly it is preferred for solving classification problems. It is a tree-structured classifier, where internal nodes orepresent the features of a dataset, branches orepresent the decision orules and each leaf node orepresents the outcome.

In a decision tree, there are 2 nodes: - the leap node and the decision node. Decision node is used to make any decision and have multiple branches, whereas leaf nodes are the output of those decisions and do not contain any further branches.

Decision tree is a graphical representation for getting all the possible solutions to a problem/ decision based on given conditions.