	SCOA Assignment -02 Name = fraddywn Waderer Class=BE Come Page: PRN = S17111038 Date:
60	
41)	Boxplain neuro Kuzzy hybrid, neuro genetic hybrid f
-	A Neuro-fuzzy typind system:
2 100	Meuro-Mirry Hybrid System:
080	A system that determines its parameters by
2-1	algorithm takes from neural nowork theory. A hybrid
OF	
1	intelligent system that integrates ANN of flery logic
24	useful in penforming mapping with some degree of
0	Impression basy to conceptule of user freiday way to
	design non-linear controllers large amount of
	alademic research is also available
rodle	Tool Convert doored to me substitute desgrees it
10	1) Neuro-genetic (typina)-
	Genetic algorithm are used to encode the paremeters
	of neural networks on a lenge String of properties
	of a network i.e. chromosomes is generated CIR-NN
	are capable of Locating the neighbours hood
	of the optimal solution quicker generates better
19th	population from good parents used in face - recognition
	animal Cannols, etc.
	Course, Care
	or Runny genetic Hybrid system:
- division	we use genetic algorithms to develop the best
10-7	wedse generic agoninas to develop he best
	optimized set of rules to be used for fucey inference system. Regular use of is in rucey classification
	System Kegular use of is in very classification
	system 0
	In this system, an object is classified on the basis of the
	linguistic values of the Object attributes me challenging
	In this system, an object is classified on the basis of the linguistic values of the Object attributes me challenging fack is to find out appropriate set of therey rules
45	all adjusting tight of the plant the
	The first beginning for the first gent, what

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Opl	Define Bias & Threshold
7	i) Biass
	Tohen acour calculating the out of a value
vol	The inputs one multivalued by weights fabras
Polosi	value is added to the result. The bias allowed.
1300	activation tunction to be shifted to left a sight to
	better ht The data Bias only influence the
	output values. It doesn't interact with the
a vi	actual input data
	Through which had been person
	Phrechold: -de la
	It is expeat value on a break through point after Which Certain specific actions are performed
	by the modules
2011	god topolog grand of me a secretary language
Q3)	Write Short Note on important teominology on Ann's.
->	Elements of Artificial Neural Networks (ANN):-
rolle	17 processing elements
-office	Pir Topology iii) Learning Algorithm.
	111/ Learning rigonium.
	i) Processing elements: - Ann consists of basis processing
	units or elements similar to that of neurons of a
2 3 4	brain
	Weights
00	Activation outfut
9 4	4 - 3 function
2 - 11	I was studied at the soul identical.
Basilia	Ingeneral aprocessing unit made of up summing
23	I followed by a partiout unit . The function is to
	take no input values wt each input value of

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	The weighted sum of of these values
	Topology: Any ANN will become useful only when all the processing elements ever organised in an appropriate manner so that they can accomplished the task
	of pattern recognition. The organization or amangement of the processing elements, their interconnection, inputs
	outputs is Simply known as Topology, Some
-	commonly used topologies Ann one Instantoutstan
	Autoassociative Memory, etc.
	iii) Learning algorithms + The operations any neural
	network is governed by neural dynamics consting
	of both activation state dynamics of synaptic
	weight dynamics. Learning algorithms or Laws are
	implementation of synaptic dynamics of one
	described in terms of first derivative of the weights. These learning can be supervised, unsupervised
	or a hybrid both. some of commonly known learning
9	algorithms are Hebbis Law Instant learning algorithm
	outstar learning law, etc