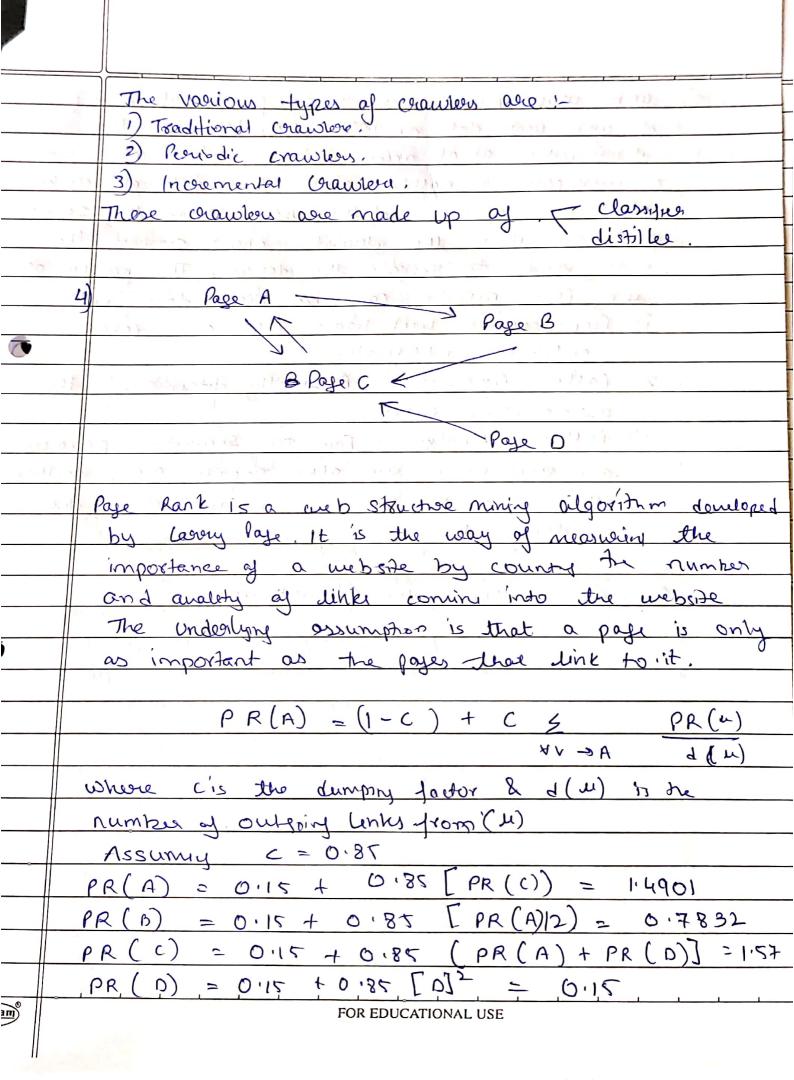
	112.	Assignment 4 Shah
		60004220126
0.1	1	C2-2 Div B
	~ <u>-</u>	and the second of the second of the second
	1	> Spatial Index Structures.
		R tree are honorchial tree structures designed for indexing spate
	-(5)	data. They partition the space into reclarges with each
	h	node in the tree represently a boundry box that content
7		its child node in mitted in the second
6		Quad tree recurrely divides a two dimensional space: who
		quadronts until each anadronts contain a limbed number
		ay Lata points.
h.	4	kn tree is a multidinamonal knary tree that recurrinely
4		parithons spaces along axes.
	حالم	araphi Staudores.
	.11	Spatial retwork graph represent spatial entitles (node)
1	7	and their relationships in a graph. Graph structures
		ere valuable for modeling spatial relationships.
	-5	Spatial data structures
4		spatial harning is a technique that discretizes space into
		grid and each cour of the grid holds a list
	0	spatial Objects that fall within that all. This
		Auctore 15 while low days original in the
-		Structure 15 useful for jast point in region quesues and
1.	11	spatial form of man
		Creographical Information System (GIO)
120	Ac	uster data structure organizes spatial information as
	a	grid of cell. Each coll contain altribute date
	/ O	nd ranter structure are commonly used in GISfor
2 2	ce	resently Continuous spatial phenomena such as
	el	enation, or temperature
<u>m</u>		FOR EDUCATIONAL USE
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	2	S Oatrick and
	. 15	Spatial clusters can be descented as a goographically
	1.0	bound group of occurences of sufficient size and
		Spatial Cluster analysis is carried one by how to
2 = +		Clentery netrod:
	171	On the other hand cluber
	Hur	On the other hand dustering technologies Such as -k means and k mediods are centroid based
		and are somither to outlier thereony.
× .		with a de a country and a country of the country of
	-	The algorithms can be dely I have
		The algorithm can be defined by the following steps.
1	- 11	=> select k random points as the initial mederida. => select random points a from & and b not in k.
		> 1 & dis (b,x) < 4 / (as)
		→ 13 € dis (b,x) < € dist (a,2) then replace 'a' by'b'
h.	-	3 The algorithm and love to
	. 5	n number at true after a list
		Jimes wife with the sage.
		set of med ord.
		The process of examining the points for possible
		replaced begated till to
	11 0	a replacements does not exceed to see
	1	reamined as neighborn to be examined
	1 - 17	the second was an arm of the second with the second was a second with the second with the second with the second will be second with the second will be second with the second with the second with the second will be se
3	Con	Thebane as spidens are programs that travers the
	·	The web A condition of
-	So	ed UYL and traverse multiple links while solving
06	1	re indices con store to a solving
1	Ce	me indices and storny the outgoing links in a
	ho	were The information that they extract and store
	100	your improving results of he complex seems?
E		17 Sparch, epgine,
		FOR EDUCATIONAL USE
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Scanned with CamScanner



•	5) and usage mining repend to the process of mining
	of web usage data on 109s - web logs is the
d	Hinjormon of all access activities that one
	a web page is called click Stream data of clicks
	along as An information of the users. From the seenes
line,	pearspectue, it is the information about sorvices the
	site used to improve the design. The process of
	web page mining can be broken down into
	1) Reprocessing web log - clean and remove
	entranous in Omoton
	2) Pattern Discover - Basically discovery the
	association rules.
. 1	3) Paller - Analysis Due to Security privacy
	and legal issues we also replace any identyable
1111	attaibus in the 10% with unique value during
1.13	the dearing face.
(N V)	
	Eg. E-commerce sites (admertising.
5	alog a total and and all they
. 1;	and with with warm of the same of
100	S) c l = al + l
1	
1	
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