MULTISOURCE BES

It is a modification to BFS. We will but att the all source vertices to the opene at first trather than a single vertex. Which was in case of ztandard BFS. This way Multisource

		Page No
	BES will first visit all	the source
	vertices. After that it	will wint the
	Vertices which are at a	distance ob 1
	from all source vertice	s then of a
	distance of at 2 brom	all source vertices
	una so on and so	yeruth.
	a layer the second of the second	
	QUESTION LINK: COD	SUSOCTAL
	and the tried have a shown in	and the state of t
	A leviel zum mary of	
	Suppose ne have this	grid (Matrix)
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	1 1. 1. 2.	The State of the S
-	1 1 2 2 201 - Clot = 10	With the Charles
MIN	A STATE OF THE PARTY OF THE PAR	San Carlo Later and Carlo
	neighbouting and	gitian each
187.67	ley ity marin- your	will be treplaced
	marin- the	character of
		11233
76	e.g 123 1 ?ranption	7 7
4		3-3
	He have to only o	uth +
	many transitions our	orid will la
	completely at its ma	Y . C.O.
	The state of the s	
	1 2 1 2 15€ 7 > 2	222 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
	1 1 1 2 2	. 2 2 2
	1122	222
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	2 2 2 2 Wel White lay	164: 27th
Ú.	2 2 22 22 2 70 17 174/13	A Millian
12	2 22 120 2 10 000 Cite	1221/21/
	The state of the s	77
	:. This grid will take	2 transitions.
And the state of t	APPROACY: He will our	mullipurce
	QC4	- Will
	1 to the houst and	
	and made and	433
	1 m mariano	
	mothe their level as	
LX	then run BCS	- Mythid
		The state of the s
		CODE
	CONST INT N = 16)	
	100 110'	to in / otroph)
	-) To state value (nodes) of	morare constant
	7.12 (14) 1 N 1 N 1	
hora	-> To store vigited modes	in the land of
· · · · · ·	THITMIRE FAT	dation
	-> 70 store level of each me	16.16
	THE LEVINITUAL SUT	, O
	3n5 w w;	4
	1/ All possible movements	atutule
	VECZOR < PAZR < 3N? , ZN? >> MOVE	VENSA = {
	(0,13, (0,-13, (1,0))	1-1,03.
	{1,1}, {1,-1}, {-1,1},	{-113
7 6	3;	
))	The
	D D	40-

Page No Date Date
-> A function to check if a transition is
8001 38 NALID (3NF 1, 3NJ j)
RETURN 1 = 0 & b j > 0 & 2 i < m & b j < m
-> Multisource BFS
ENS BES ()
-) Finding maximum value : 10. 4.
sintem alt in sular maximum community (0 = x M 5HE
FOR (323 i=0; i <n; i++)<="" td=""></n;>
FOR (3N7 j=0; j <m; j++)<="" td=""></m;>
the state of the s
MX = MAX (MX, VAL [[][j]);
1 - 4) 3. 4 - Marion of the Company
11
August Dans de la
QUEUE < PAZR < ZNZ, ZNZ >> Q;
-> Parfind and store indices of maximum
FOR (3N7 (=0; i< n; i++)
EOR (3N7 j=0; j < m; j+++)
2F (Mx = VAL [i][j])
q. PUSH(Ei, 13);
LEV [i][j]=0;

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	Date
3	and the state of t
COU? << BF	(s() << "\~";
RETURN O;	
	The state of the s
INFO? !	Ou7 eu7:
3 -> Perting	
	The state of the s
7 . 7 -> Barrix	Calling
	columny = 2
2.5 -> Band X	
1 1 3 MAJES	* -0 = F 171 17 24
	20 = F 17 (17 A) A
2 2 -> R,C	20 = 6171 1724 = 201 - [][][][][][][][][][][][][][][][][][][
1 1 3 MAJES	** ** ** ** ** ** ** ** ** ** ** ** **
1 1 3 MATRIX 2 2 -> R,C 1 1 2	
$\frac{1}{1}$ $\frac{1}{3}$ $\frac{1}{3}$ $\frac{1}{4}$ $\frac{1}$	
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	20 = 6 7 (1 1 1 1 1 1 1 1 1
$\frac{1}{1}$ $\frac{1}{3}$ $\frac{1}{3}$ $\frac{1}{4}$ $\frac{1}$	