The sturation bounded reachebiling phoblem A, Rb, RJ, pEI)	1. New to explane only the m-constrained BLR.
and let MEN be the right-ondpoint of interval I.	
By tenna 5, we get the no of m-contrained bounted	2. The no. of pred The no. of pred Corresponds to that of clock
labeled regions to be exponential to the length of ne problem	police of the second of
By combining Lemma 2,3,4, we get exportantial-time	frite. that of clock regions.
decision procedure for solving the problem.	401.
Theorem: mEN be the right end point of the interval ISR.	3. For each Bit, if not on m-constrained BLR,
The DBRP(+, Ro, Rf, SpeI) is "Jo" if	replace by = - equivalent m-constrained 3LR 8(Bit1)
JBK Bo of n- constrained BCR of A such that	
1. The bounded graph B (A) contains an edge to Rf form some bounded region B with $\chi(B) = 130$	a DBRP holds if 7B I(B) NI = q is found.
form some bounded region B with X(B) = 130	5. If not, then not reachable.
2. YOLICK, BPRF(A) contains an edge to Bi from	6 The time complainty is proportional to the no. of m-constrained B
Some BLR B with 8(0) = Bit1	[Bylmma 5].
3. I(BK) NI= p and the clack region of BK is Ro.	7. The space complexity of the search is PSPACE
	Because a nounsboard BLR is polyrize with the problemer
	and the colubation of the pordecurer also taxes judgite.
	Corollary: The DBRP Ger a Time automata is in PSPACE
	This infer from the fact that Reachesiaity problem 6/w fee
	chox regims is proce- how.].
	ı U rri

