- 9+8P+ (9+RP)P-		
= 9+ 9P+RP2	RE = 0+1+ &	The state of the s
R= 9+ (9+RP)P	Eg: d= {0, 1, 2}	
To preve uniqueness by sublacing R=9+RP on the RHS.  R=9P	Expression.	
	40 0	4
$R = Q(P^*) = QP^*$	1	
-		Controller personal of the spiritual of
	€ R1 & R2 (Concaternation) -> R1R0	
in R= B+RP, has a ringue solution [R=BP*]	(*) RIL R2 ('Union) -> R1+R2.	
If & does not centain "NULL", then the following equation	R* is also a Regular Expression.	1
Ander Theorem: Lit Pand & be two Regular Expressions over E		*
	0 1	1
	ssion whitten as RIRZ.	
* (P+Q) 大 = イフナ 気1 WOW TIB	* The Concatenation of a 2 regular Expressions RIER2 is	*
(K+0), (L.8.) - (L.48.)	of many or left many or plants to be	
(PQ) P = P(QP) TIO	is also a finished Expressions	
11		
(R*)*R*	alke a Regular Expussion	
AND RRY - RTR - THE STATE OF TH	or day terminal symbol belongs to 5 including NULL & pare	
R* R* = R* 16		
* R+R=R 15		
$\star$ $t*=t$ and $0*=t$ 14	expresenting contain set of strings in an algebraic	
* ER = RE = R 13	Rigular Expression; & Regular Expussion pre used for	
ΦR + RΦ = Φ	Lymph Character	
) + 0 = 8 11	1	
Common O O	VIDE AS	
Aunthu of Resulve Expression:	و : الأنام	
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_

	= 9+ 9P + 8P2+ RP3
	= 9+9P+9P2+(9+RP)P3
-	$= 9 + 9p + 8p^2 + 8p^3 + Rp^4$
	$= g(\Lambda + p + p^2 + p^3 + + p^{n-1} + p^n)$
	[8 0 0 * ]
	R = gp*
	9-949

gues) Given a Rigular Expression for representing a set of string in which every 0 is immediately followed by atleast two 1's.

1 or 011) 15 - 19 = 91

of Wis the language then.

(A) W does not cordain any o

(B) It contains a 0 preceeding il followed by 11.

Also describe the string (1+011)\*

Let P=1\* (011)\*

Ch R=1A+ PP\* 9 (100)

R = P\* (By I9)

R= (1\* (011)\*)\*

R = (1 + 011) \* (By In)

 $(p+q)^* = (p*+q*)*$  = (p\*+q\*)\*PAGE NO.: DATE 270