LS 222 Jeremiah Webb Test Let A = E1,2,34 3

	1	1 2	13	14	
1	[.	0	1	0	
2	0	1	1.	V	-
I	1	1	1	0	
4	0	1	0	1	

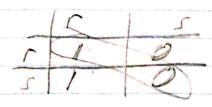
2. sympetric v All 1s on din mel retleave

3, already symmetric

4. Is on I all diagonals

Transitive

6. Let B = Er, 53



11.

Let A = \(\chi \times \chi, \chi\_2 \chi\_3 \chi\_2 \chi\_3 \chi\_2 \chi\_2 \chi\_3 \chi\_2 \chi\_3 \chi\_2 \chi\_3 \chi\_2 \chi\_3 \chi\_2 \chi\_3 \chi\_2 \chi\_3 \chi

13. A= {e, r, a, u3 ARB = E(e,1),(r,9),(a,2),(v,6)3 14, ARB = {(e, 1), (e, 9), (a, 2), (a, 6)}
some xs, :- not function 15. ARB = { (e,9), (r,9) 3 same Y, diff x 16.  $S = \xi 90, 1, 92, 93, 94, 95, 963$   $z = \xi 0, 3$   $90 = \xi 903$  babaa

	The state of the s		
	16 · contd		-
	$\frac{3}{90}$ $\frac{6}{96}$ $\frac{6}{9}$	A. The	and the same
	7 16		and the second second second
	92 96 93		
	93 94 93	A	
			The second second second
-	95 95 96	7	The same of the sa
-	196 96 96	***************************************	-
-	17. L1 = 66+ + aa		
-			-
-	$S = \xi 90, 91, 92, 93, 94 3$ $\xi = \xi a, 6 3$		
_	E= & a, b 3		
	10= 2903	32.	
_	F= £95 }		
	h b		
	$\rightarrow (q_0) \rightarrow (q_1) \rightarrow (q_1) \rightarrow (q_1) \rightarrow (q_2) \rightarrow (q_1) \rightarrow (q_2) \rightarrow (q_1) \rightarrow (q_2) \rightarrow (q_2) \rightarrow (q_1) \rightarrow (q_2) \rightarrow (q$		
	10) 102 55		
The second	ab a Th		
-	1 (93) (95)		
a desired	9,5		
1			
	8/a/5	-	ial de la
	90 93 91	5,50	
-	9, 13 95		
- Contraction	9 95 19a		
-+	93 94 95		
-	94 94 95		
The state of the s	95 95 90	1	
-			