

		vose
	Converting to a regular expression	
	Ri= IRA+ ORi	
	R _B = X + 1RA + ORB	
	RA= IRB+ORA = RA= O*1RB	
	:. RB = \+ 1RB + 00*1RB => RB = (1 + 00*1)* \ = (0*1)*	
	:. Ri = 10*1(0x1)* + 0* = /0*1)(0*1)*	
ø	Converting to a DA.	
	Converting to a DA'. $V = (0*1)(0*1)*$	
	$D \times r = r$	110 20
	Dor = (DOO*1)(0*1)* + S(0*1) Do(0*1)*	
	= (b.o*)1+5(o*) Do1)(o*1)*	
	= ((D.0)0*1)(0*1)*	
	=1	-
	Dir=(D,0*1)(0*1)*+5(0*1) Do(0*1)*	
	=((0,0*)1+5(0*)0,1)(0*1)*	
	= ((D,0)0*1+X)(0*1)*	
	=(0*1)*	
	$D_{ii} c = D_{\bullet}(p, c)$	
	= (D,6*1)(0*1)*	
	= D ₁ r	
	DIOL = DO(DIC)	
	=(D,0*1)(D*1)*	
	= f	
	Gr -> (Diff) = Deterministic automata	