Hw-1 24세 2024기왕 최병준

(1)

① Truth Toble

A	B	Cin	5	ઉ
0	0	0	0	0
١	0	0	١	0
٥	ı	٥	١	٥
1	ı	٥	٥	ı
٥	٥	١	١	٥
ı	٥	ı	٥	
٥	ı	١	٥	ı
ı	ı	I	ı	1

@ Express Co as SOP Canonical

Co=AB(Cin)'+ AB'(Cin)+A'B(Cin) + AB(Cin)

3 Express 5 as POS caranical

5 = {A+1B+ (Cin)}{A'+B'+(Cin)}{A'+B+(Cin)'}

{A+B'+(Cin)'}

Obtain Digital Cinait of Co

