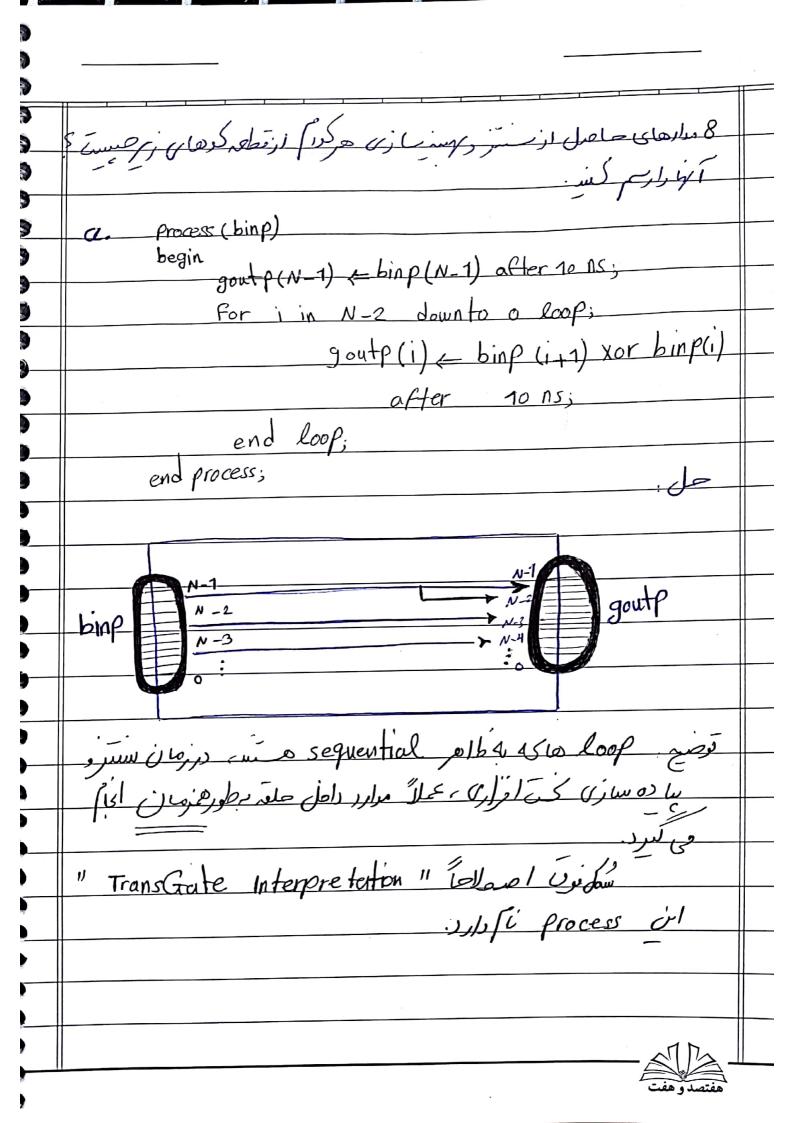
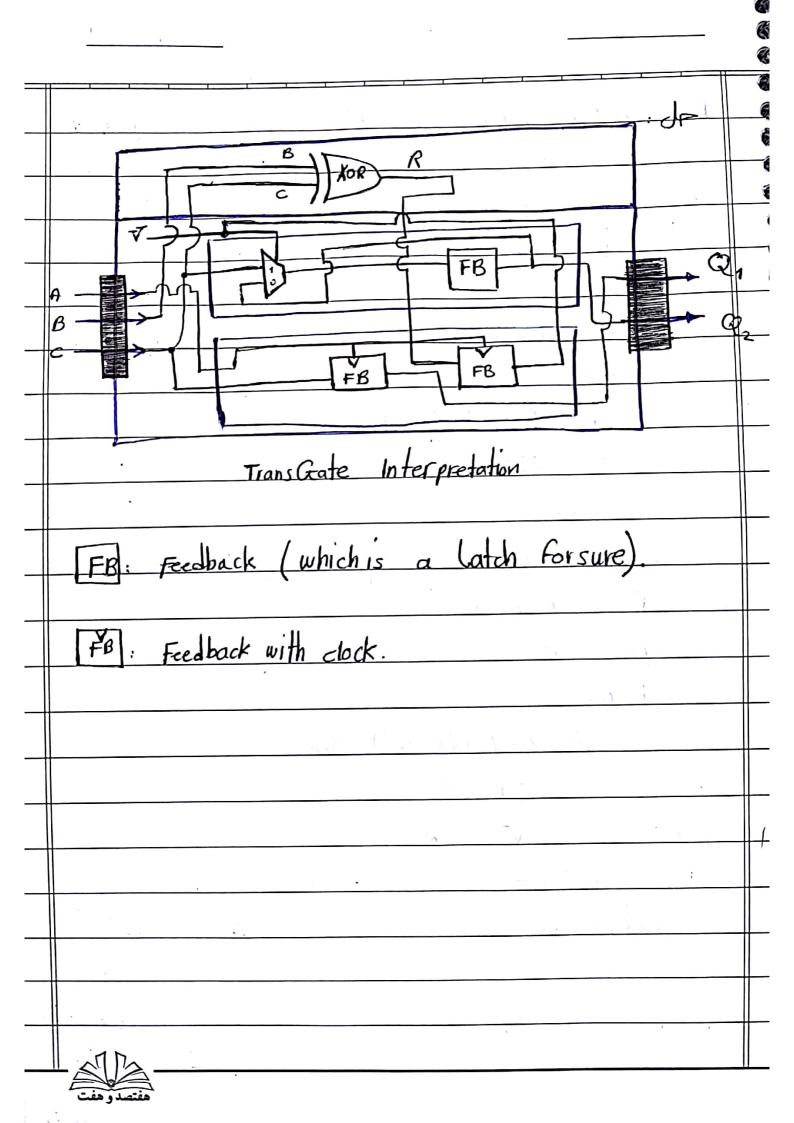
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Assignment Assignment Atch	-3	7931 50 1
process (see, see 21, see 2, a. b) process (see, see 21, see 2, a. b) process (see, see 21, see 2, a. b) transferent latch dura of f & a; of in a chin chin of a condition f if see 2 = '1' then begins a la condition genot is; end if; else if sel 2 = '1' then is a condition genot is; end if; else if sel 2 = '1' then is a condition genot is; end if; else if sel 3 = '1' then is a condition genot is; end if; end if;	-	
process (see, see 21, see 2, a. b) process (see, see 21, see 2, a. b) process (see, see 21, see 2, a. b) transferent latch dura of f & a; of in a chin chin of a condition f if see 2 = '1' then begins a la condition genot is; end if; else if sel 2 = '1' then is a condition genot is; end if; else if sel 2 = '1' then is a condition genot is; end if; else if sel 3 = '1' then is a condition genot is; end if; end if;	3	July Somest I Transparent latch july 7
process (see, sel 2, see 2, a.b) begin frankrent latch frankrent frankrent latch frankrent fr	-9	
begin transferent latch was so file of sel = '1' then begin also condition file genot as; else begin if sel 2 = '1' then begins also condition file genot as; else begin if sel 3 = '1' then all was about a day; end if; else genot b; end if; else a and b; else if sel 2 = '1' then all was about it an ambatic genot if; else if sel 3 = '1' then all was about it an ambatic genot if; end if if end if; end if; end if; end if if end if i	3	
f to a; if sel 2 = '1' then begin all and services g to not a; g to not b; g to not b; g to not b; g to not b; end if; end if; else g to a xorb; else if sel 2 = '1' then is a condition Assignment g to a cond b; else if sel 2 = '1' then is a condition Assignment g to a cond b; else if sel 2 = '1' then is a condition and if it is a condition and it is	9	
f to a; if sel 2 = '1' then begin all and services g to not a; g to not b; g to not b; g to not b; g to not b; end if; end if; else g to a xorb; else if sel 2 = '1' then is a condition Assignment g to a cond b; else if sel 2 = '1' then is a condition Assignment g to a cond b; else if sel 2 = '1' then is a condition and if it is a condition and it is	3	begin transfarent latch Junes soi
if sel 2 = '1' then begins to condition fix else g = not b; g = not b; g = a xor b; end if; else g = '1' then what a distributed Assignment g = a xor b; else if sel 2 = '1' then what a distributed a distributed a condition g = a and b; else if sel 3 = '1' then what a distributed a condition else if sel 3 = '1' then object a distributed a condition else if sel 3 = '1' then object a condition else if sel 3 = '1' then object a condition else if sel 3 = '1' then object a condition else if sel 3 = '1' then object a condition else if sel 2 = '1' then object a condition else if sel 2 = '1' then object a condition else if sel 2 = '1' then object a condition else if sel 2 = '1' then object a condition else if sel 2 = '1' then object a condition else if sel 2 = '1' then object a condition else if sel 2 = '1' then object a condition else if sel 2 = '1' then object a condition else if sel 3 condition else if sel 2 = '1' then object a condit	0	
g + not a; else g + not b; g + a xorb; end if; else if set 2 = '1' then what as a win if you and air g + a and b; else if set 2 = '1' then what if you and air g + a and b; else if set 2 = '1' then what if you and air g + a and b; else if set 3 = '1' then ob is in the interval of a win in the interval of a mand b; end if; end if; end if; end if; end of roces; cond proces; diet, vi is be die ale and air and	0	
else else g not b; g g not b; g g not b; g g not b; g end if; end if; else else if set 2 = '1' then place a delay g else if set 2 = '1' then place a delay g else else if set 3 = '1' then else else if set 3 = '1' then end if; end if; end if; end if; end if; end if; end process; delay in		120 M A CONDITION
Assignment (*) If set 3 - 11 then I way and a set growent ge a xorb; end if; end if; ge a and b; ge a and b; ge a and b; ge a nand b; end if; end if) = 110 (\(\times \)
Assignment g a xorb; end if; end if; end if; end if; g a and b; g a and b; g a and b; objain sel 2 datus else if sel 3 = '1' then objain a sel 2 datus else if sel 3 = '1' then objain a sel 2 datus else g a nand b; g a nand b; objain a sel 1 end if; end i		
g \in a and b; else if sel-3-'1' then object in an interpolation of g \in a nand b; g \in a nand b; g \in a nand b; did com an if; end if; end if; end if; end proces; end proces; cond proces; did coptimize if a cond out in a copy of		Assignment Assignment
g \in a and b; else if sel-3-'1' then object in an interpolation of g \in a nand b; g \in a nand b; g \in a nand b; did com an if; end if; end if; end if; end proces; end proces; cond proces; did coptimize if a cond out in a copy of	1	$g \leftarrow a \times b$
g \in a and b; else if sel-3-'1' then object in an interpolation of g \in a nand b; g \in a nand b; g \in a nand b; did com an if; end if; end if; end if; end proces; end proces; cond proces; did coptimize if a cond out in a copy of		
g \in a and b; else if sel-3-'1' then object in an interpolation of g \in a nand b; g \in a nand b; g \in a nand b; did com an if; end if; end if; end if; end proces; end proces; cond proces; did coptimize if a cond out in a copy of	.3	ا لوصح السلب ل عاقد م درست براس
g \in a and b; else if sel-3-'1' then object in an interpolation of g \in a nand b; g \in a nand b; g \in a nand b; did com an if; end if; end if; end if; end proces; end proces; cond proces; did coptimize if a cond out in a copy of		else if sal a = '11 then which as I way it mu Timbain
else if sel-3 = '1' then , o b 2's ign into parad by g & a nand b; g & a nand b; end if; end if; end if; end if; end out		
endif; endif;		0) 59 11 - 50 - 50
end if; end if; end if; end if; end if; end rocess; end process; optimize i sel-3 (iii vic) i'i vic) g (iii) g (iii) i and process; optimize i and process; or optimize i and process		if sel-3 = '1' then , o bis in tul is a del
endif; endif; endif; p, sel_3 did alpha divided feb; endif; endif; endif; endif; endif; ond proces; did alpha divided optimize if well and proces; and optimize if and proces; and optimize if and proces; and optimize if and	4	g & a nand b; chidriers and so 1
ار على ت ملى مر برى و مرق و سرق و الارس س را ت ملا ت ما مرق و الما دس الله و الما دس دلى درالن و لا		endif:
ار على ت ملى مر برى و مرق و سرق و الارس س را ت ملا ت ما مرق و الما دس الله و الما دس دلى درالن و لا		end if;
ار على ت ملى مر برى و مرق و سرق و الارس س را ت ملا ت ما مرق و الما دس الله و الما دس دلى درالن و لا		باتور بداین که برای سابل Sel-3 رهر
ار على ت ملى مر برى و مرق و سرق و الارس س را ت ملا ت ما مرق و الما دس الله و الما دس دلى درالن و لا		+ (b) = 10! bl = 21
ار على ت ملى مر برى و مرق و سرق و الارس س را ت ملا ت ما مرق و الما دس الله و الما دس دلى درالن و لا	3	
ار على ت ملى مر برى و مرق و سرق و الارس س را ت ملا ت ما مرق و الما دس الله و الما دس دلى درالن و لا		سے درهر دوست برای هدل کردن ان د ایمال
ار علی تر تری و مرزی و مرزی و ای در از ای در از ای در از ای در	-	معدر ملی بر 9 رمورت '1' سوری سنال sel_3 له قراسی سوری
مَ لَ بُورِهِ مُنْظُمُ لِي بِلِي عَدُ مُعَدَّلُهِ مِنْدَارِمِيلُ وَ أَيَا دِي سُلْ . ولى درالني حالن		or optimize it or in Some 9 100 che toute
هفتصدوهفت کے لیے تو لیے میلود		سے ل ہوں سطان کے برام حدد معدار سل و ای دس سر ، ولی دران ماں
هفتصد و هفت		lugut I of 2 MMs
		هفتصد و هفت

	· 1800 - (1)
من ، سرط 'ه' بود/ را سرمطان توصف	حیت حلوگیری از ای د کر راین درق
	in sel-3 Wyj
Process (sel, sel_1, sel_2, sel	3, a,b)
begin	14 () A ()
* "	
if sel-2 = 1' then	e instit II
9¢ not a;	
else	10 Maria de la companya della companya della companya de la companya de la companya della compan
	= '1' fhen cor b;
else 9 = no	- b ;
end if;	- 11 11 11 11 11 11 11 11 11 11 11 11 11
end if;	· de La F
	1: 11 1
# 1	
if sel-2=11	
9≠a and	زط
else if sel-3=	1 then
g ta no	and b;
else	
g to	
endif;	



ම ම	_
3	-
b. Port (A, B, C: in std logic;	
Q1 Q2i out std_logic);	
signal V. R. std logic	
begin	
Process (V,C)	- 6
begin	
if $(r=1)$ then	
$Q2 \leftarrow C$	
endif;	
)
end process;	
R = B xor C;	;
process (A)	: 6
begin	
if (Rising_Edge (A)) then	
Q1 ← C;	
V R;	
end : f:	
end fracers;	



C.	: Ew) / Joo	- FSM il state	Diagrai
	$\left(\begin{array}{c} S_0 \\ P=0 \end{array}\right) \times = 1$	(S ₁) 2 = 0	
	120	1	
		parity in Circles	ملاجل
MOORE F	M CUFSM is is	Parity val, jessine	منط ما
		CUSTATE TABLE	ماريم
C WRREN		NEXT Parit	y
0 0	0	01 1	
10	0 1	10 1 1	/ /
11	6	00 d	
Party 32	to k-map	اسعانه از این صول می تو ، No باریست کرد	L-dle Na
	_ ادامر	→ · · · · · · · · · · · · · · · · · · ·	
	×		

