DAP AN CTRR (CK HKI 2022-2023)

Cân 1: (4.0 d)

2t xy	00	01	11	10
00	X	Þ	6	*
01	6	0	X	0
11	0	X	•	6
10	0	×	0	o

a) DNRCT wa f:

$$f(x,y,\tau,t) = \overline{x}y\overline{\tau}\overline{t} \vee xy\overline{\tau}\overline{t}$$

(0,5

Karg

0,5

0,5

- +) Cac TB lon: $T_1 = x \neq 1$, $T_2 = y \neq 1$, $T_3 = y \neq 1$, $T_4 = \overline{x} \neq 1$, $T_5 = \overline{x} \neq \overline{1}$, $T_6 = y \neq \overline{1}$, $T_7 = x \neq \overline{1}$
- +) So do phi: T₁ -> T₂ -> T₃ (5,6) T₆ -> T₄ T₅ -> T₅

$$= Xarf = T_{1} V \Gamma_{2} V \overline{1}_{3} V T_{5} V \overline{1}_{6} (^{1})$$

$$= T_{1} V T_{2} V T_{3} V T_{5} V T_{7} (^{2})$$

$$= T_{1} V T_{2} V T_{3} V T_{6} V T_{4} (^{3})$$

(1), (2), (3) - phù tối tiểu (nhân)

$$(3) = \emptyset = x \neq v y \neq v y \neq v y \neq v \neq z \neq v z \neq t$$

(1), (2), (3') - don gian nhu nhau => (1'), (2'), (3') - các CT+TTT của f.

c) Dúng (1,0)

a) \$\frac{1}{4} \vi co 3 dinh bac le (0,5 a)