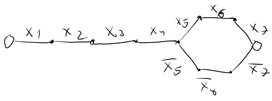
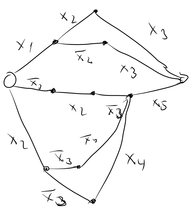
Д/З 4

(1) Π схема с полюсными отрицаниями:

$$X_1 X_2 X_3 X_4 \left(X_5 X_6 X_7 \vee \overline{X_5}\,\overline{X_6}\,\overline{X_7} \right)$$



(2) Формула по Π-схеме:



$$X_1 \left(X_2 X_3 \vee \overline{X_2} X_3 \right) \vee \left(\overline{X_1} X_2 \overline{X_3} \vee X_2 \left(\overline{X_3} \overline{X_4} \overline{X_5} \vee \overline{X_3} X_4 \right) \right) X_5$$

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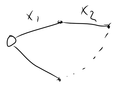
t_1 : · ~ o

t_2 : o —x1— —x2— o ~ o —x2— —x1— o

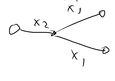
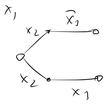
t_3 : o —x̄1— —x1— o ~ o o

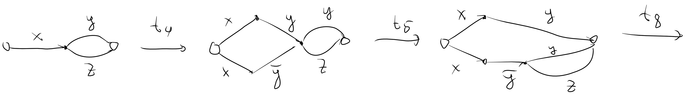
t_4 : o —x1— o ~ 

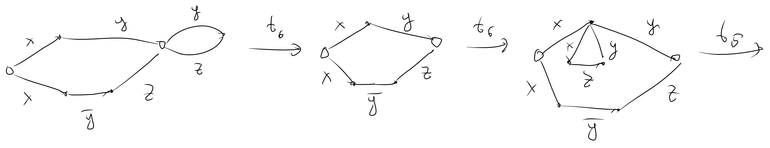
t_5 : 

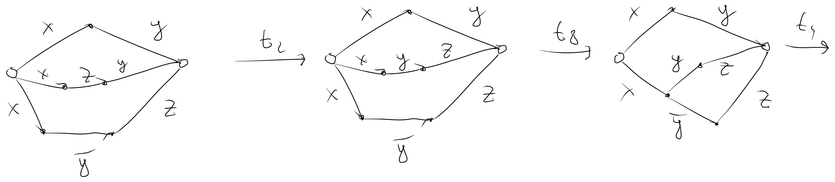
$t_6^{(m)}$: 
 ~ o

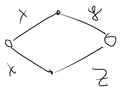
t_7 : o —x1— o ~ 

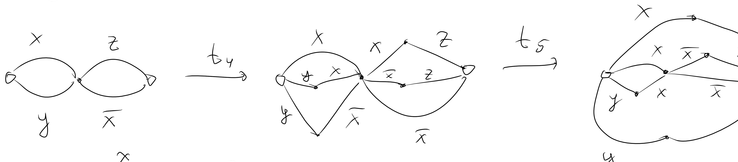
t_8 : 
 ~ 

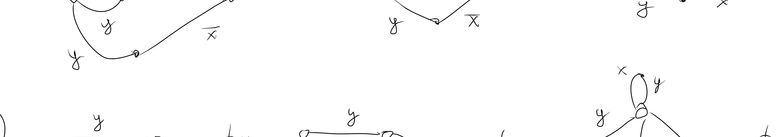
(4.1) а) 

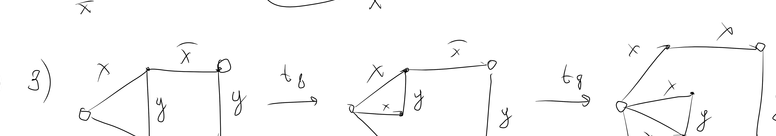






б) 

в) 

г) 

(4.3) з)