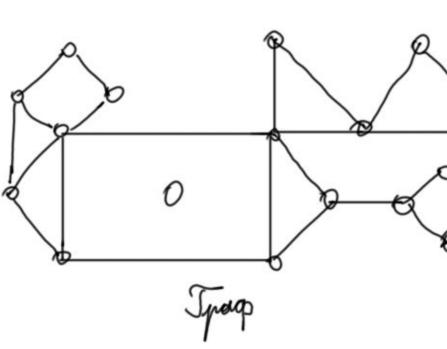
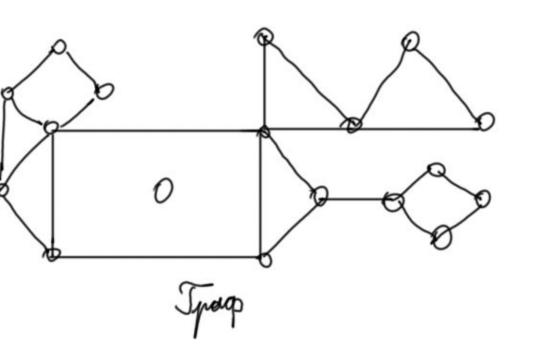


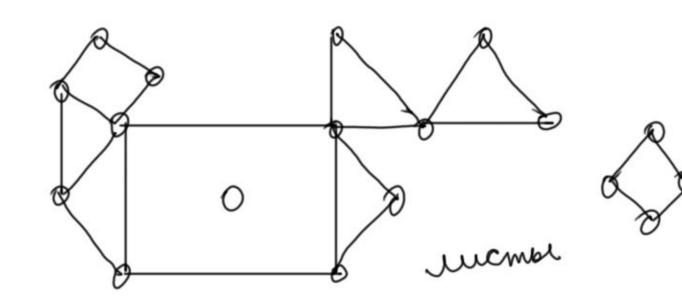
χ	(Adj	Mark	C
1	2567	89 1	_
2	2 13456	810 2	1
3	52410	l	2
4	2389 10	3	1,2
5	126	3	1,2
6		9 4	1,2,3
7		2	1,4
8	124679	5	1,2,3,4
9	1467810	6	1,2,3,4
11	23479	4	1,2,3,6



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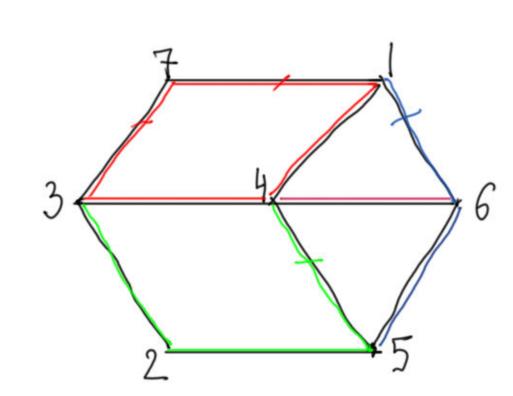
$$(\chi_1 + \chi_2)(\chi_1 + \chi_3)(\chi_1 + \chi_5)(\chi_1 + \chi_7) \times (\chi_2 + \chi_3)(\chi_2 + \chi_4) \times (\chi_3 + \chi_4) \times (\chi_4 + \chi_5)(\chi_4 + \chi_7) \times (\chi_5 + \chi_4) \times (\chi_4 + \chi_5)(\chi_4 + \chi_7) \times (\chi_5 + \chi_4) \times (\chi_5 + \chi_4) \times (\chi_5 + \chi_4) \times (\chi_5 + \chi_4) \times (\chi_5 + \chi_5) \times (\chi_5$$

3 124

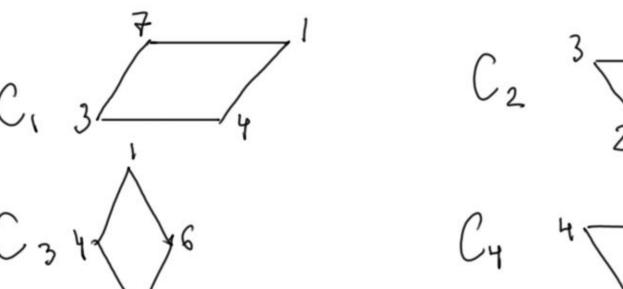
4 2357

25 3. Используя алгоритм чередующихся цепей, найти максимальное паросочетание в двудольном графе $\Gamma=(V_1\cup V_2,U)$, где $V_1=\{s_1,s_2,s_3,s_4,s_5,s_6,s_7\}$ и $V_2=\{1,2,3,4,5,6,7\}$. Смежные вершины в графе: $s_1-\{6,3,7,1\}$, $s_2-\{6,3,2,4\}$, $s_3-\{3,5\}$, $s_4-\{7,5\}$, $s_5-\{6,3\}$, $s_6-\{6,3,7\}$, $s_7-\{3,7,5\}$. Начальное парасочетание: $\pi=\{(s_2,6),(s_2,3),(s_3,5),(s_4,7)\}$ (\$1,1) (\$5,6) (\$2,2) (\$3,2)





Adj 467 35 247 1358	C5 = C3 + C4 Ombem: C10 C20 C40
14 B V 34	
14 B V 34	
XX 8	
X4 8	
XX 5	
VW V	
27 10	
210	
// M P3	
2.101	(MMOM) (10 () 00) HO
1 10 10	(1), Ka a ('A) (-A)
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72 72	0, 03
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710	(' (' A)('.
V C Z	0 0 -0
1401	
1.1:	
	Adj 467 35 247 1858



$$C_{2} = \{ S_{6}, S_{7} \} \xrightarrow{\sim} \{ 3,5,6,7 \} \xrightarrow{T} \{ S_{2}, S_{3}, S_{5}, S_{4} \} \xrightarrow{\sim} \{ 2,3,4,5,6,7 \} \ 2 \in A_{2}$$

$$2 \rightarrow S_{2} \not\rightarrow 3 \rightarrow S_{6}$$

$$C_{3} = \{ S_{7} \} \xrightarrow{\sim} \{ 3,5,7 \} \xrightarrow{\sim} \{ S_{6},S_{3},S_{4} \} \xrightarrow{\sim} \{ 3,5,6,7 \} \xrightarrow{\sim} \{ S_{6},S_{3},S_{5},S_{4} \} \xrightarrow{\sim} \{ S_{6},S_{5},S_{5},S_{4} \} \xrightarrow{\sim} \{ S_{6},S_{5},S_{5},S_{4} \} \xrightarrow{\sim} \{ S_{6},S_{5},S_{5},S_{4} \} \xrightarrow{\sim} \{ S_{6},S_{5},S_{5},S_{5},S_{4} \} \xrightarrow{\sim} \{ S_{6},S_{5},S_{5},S_{5},S_{4} \} \xrightarrow{\sim} \{ S_{6},S_{5},S_{5},S_{5},S_{5} \} \xrightarrow{\sim} \{ S_{6},S_{5},S_{5},S_{5},S_{5},S_{5} \} \xrightarrow{\sim} \{ S_{6},S_{5},S_{5},S_{5} \} \xrightarrow{\sim} \{ S_{6},S_{5},S_{5},S_{5} \} \xrightarrow{\sim} \{ S_{6},S_{5},S_{5},S_{5} \} \xrightarrow{\sim} \{ S_{6},S_{5},S_{5},S_{5} \} \xrightarrow{\sim} \{ S_{6},S_{5},S_{5} \} \xrightarrow{\sim} \{ S_{6},S_{5},S_{5},S_{5} \} \xrightarrow{$$