

1.1, 1.4, 2.2, 3 изертае графы, заданные орг-грам.
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① Связности

	V_1	V_2	V_3	V_4	V_5	V_6
V_1	1	0	0	0	1	0
V_2	0	1	0	0	0	1
V_3	0	0	1	0	0	0
V_4	0	0	0	1	0	0
V_5	1	0	0	0	1	0
V_6	0	1	0	0	0	1

Связности

	u_1	u_2	u_3	u_4	u_5	u_6
V_1	1	0	0	1	0	0
V_2	0	1	1	0	0	0
V_3	0	0	1	0	1	0
V_4	0	0	0	1	0	1
V_5	0	0	0	0	0	1
V_6	1	1	0	0	1	0

4) (mengen):

$$\begin{aligned} d(v_1) &= 2 & d(v_3) &= 2 & d(v_5) &= 3 \\ d(v_2) &= 2 & d(v_4) &= 2 & d(v_6) &= 1 \end{aligned}$$

② Adjazenzmatrix

	v_1	v_2	v_3	v_4	v_5
v_1	0	0	0	0	0
v_2	0	0	0	1	1
v_3	1	1	0	1	0
v_4	1	0	0	0	1
v_5	0	0	1	0	0

Augugematrix

	u_1	u_2	u_3	u_4	u_5	u_6	u_7	u_8
v_1	0	0	0	-1	0	0	0	-1
v_2	0	1	0	0	0	-1	1	0
v_3	-1	0	0	0	1	1	0	1
v_4	0	0	1	1	-1	0	-1	0
v_5	1	-1	-1	0	0	0	0	0

③

