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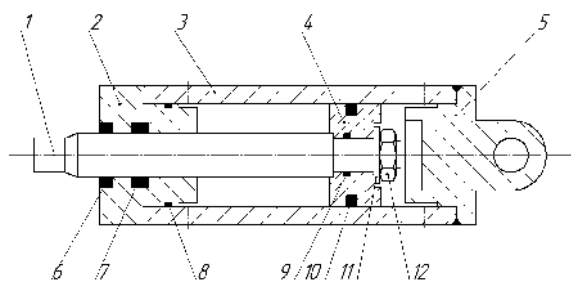
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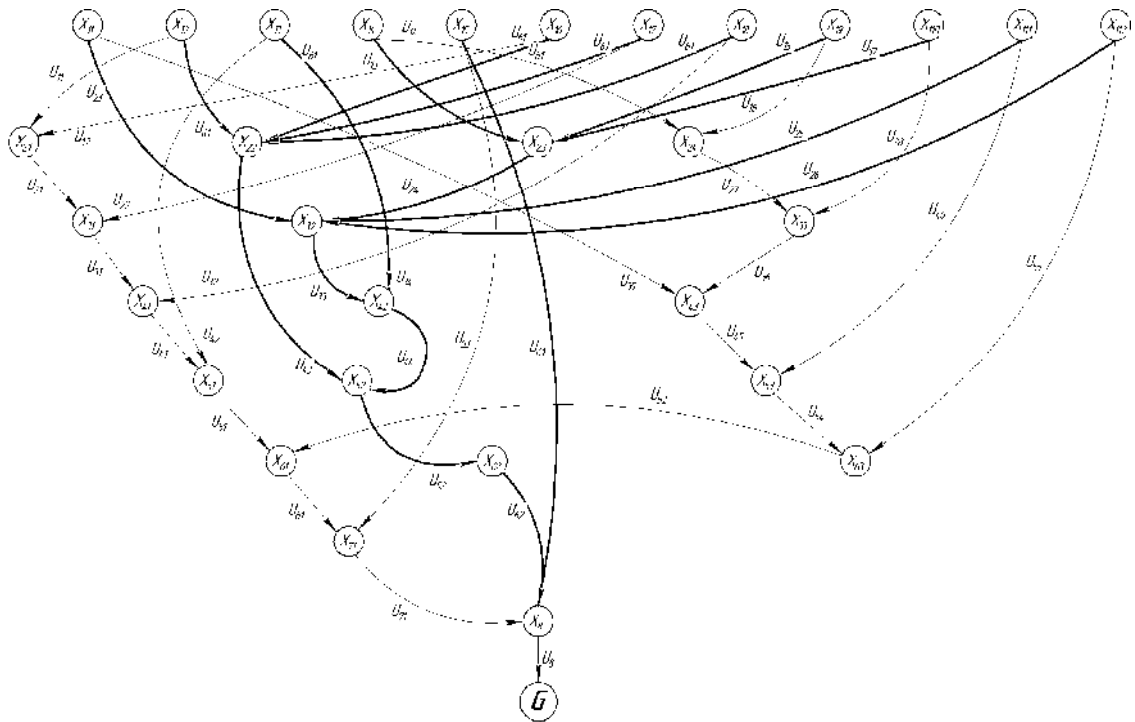
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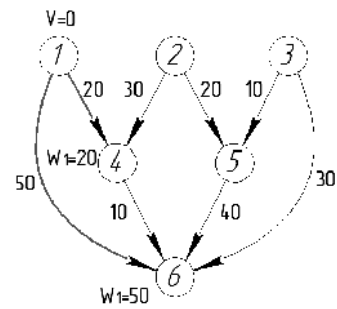
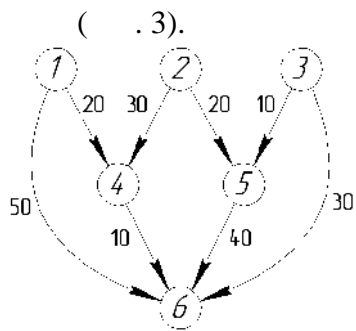
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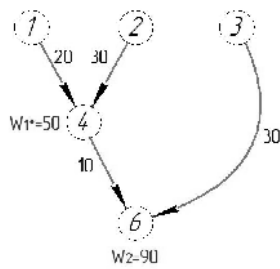
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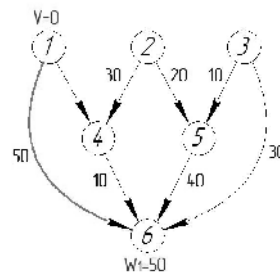
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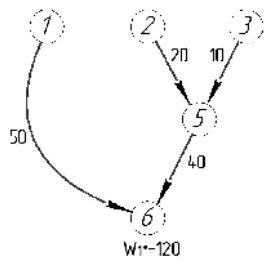
1. : 1 (V). 0.
2. W_1 , -
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4. (. 4). W_1 , .
5. W_1^* .
6. - W_2 , -
7. W_1^* . , $W_{2i} = W_1^* + \sum l_i$ (. 5).
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$$90 < 120$$

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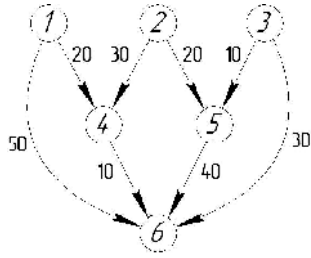
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$$= \begin{vmatrix} 0 & 0 & 0 & 1 & 0 & 1 \\ 0 & 0 & 0 & 1 & 1 & 0 \\ 0 & 0 & 0 & 0 & 1 & 1 \\ 1 & 1 & 0 & 0 & 0 & 1 \\ 0 & 1 & 1 & 0 & 0 & 1 \\ 1 & 0 & 1 & 0 & 1 & 0 \end{vmatrix}$$

$$M_{L_0} = \begin{vmatrix} - & \infty & \infty & 20 & \infty & 50 \\ \infty & - & \infty & 30 & 20 & \infty \\ \infty & \infty & - & \infty & 10 & 30 \\ \infty & \infty & \infty & - & \infty & 10 \\ \infty & \infty & \infty & \infty & - & 40 \\ \infty & \infty & \infty & \infty & \infty & - \end{vmatrix} \quad M_{s_0} = \begin{vmatrix} - & - & - & 1 & - & 2 \\ - & - & - & 1 & 2 & - \\ - & - & - & - & 2 & 1 \\ - & - & - & - & - & 1 \\ - & - & - & - & - & 2 \\ - & - & - & - & - & - \end{vmatrix}$$

1.

$$: l_{16} = l_{14} + l_{46} = 20 + 10 = 30$$

$$M_L = \begin{vmatrix} - & \infty & \infty & 20 & \infty & 50 \\ \infty & - & \infty & 30 & 20 & \infty \\ \infty & \infty & - & \infty & 10 & 30 \\ \infty & \infty & \infty & - & \infty & 10 \\ \infty & \infty & \infty & \infty & - & 40 \\ 30 & \infty & \infty & \infty & \infty & - \end{vmatrix} \quad M_s = \begin{vmatrix} - & - & - & 1 & - & 2 \\ - & - & - & 1 & 2 & - \\ - & - & - & - & 2 & 1 \\ - & - & - & - & - & 1 \\ - & - & - & - & - & 2 \\ 1 & - & - & - & - & - \end{vmatrix}$$

$$l_{26} = l_{24} + l_{46} = 30 + 10 = 40$$

$$M_L = \begin{vmatrix} - & \infty & \infty & 20 & \infty & 50 \\ \infty & - & \infty & 30 & 20 & \infty \\ \infty & \infty & - & \infty & 10 & 30 \\ \infty & \infty & \infty & - & \infty & 10 \\ \infty & \infty & \infty & \infty & - & 40 \\ 30 & 40 & \infty & \infty & \infty & - \end{vmatrix} \quad M_s = \begin{vmatrix} - & - & - & 1 & - & 2 \\ - & - & - & 1 & 2 & - \\ - & - & - & - & 2 & 1 \\ - & - & - & - & - & 1 \\ - & - & - & - & - & 2 \\ 1 & 1 & - & - & - & - \end{vmatrix}$$

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$$L_1 = l_{16} + l_{26} + l_{36} = (l_{14} + l_{46}) + (l_{24} + l_{46}) + l_{36} = l_{14} + l_{46} + l_{24} + l_{36}$$

$$L_1 = 20 + 10 + 30 + 30 = 90$$

2.

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$$l_{26} = l_{25} + l_{56} = 20 + 40 = 60$$

$$M_L = \begin{vmatrix} - & \infty & \infty & 20 & \infty & 50 \\ \infty & - & \infty & 30 & 20 & 60 \\ \infty & \infty & - & \infty & 10 & 30 \\ \infty & \infty & \infty & - & \infty & 10 \\ \infty & \infty & \infty & \infty & - & 40 \\ 30 & 40 & \infty & \infty & \infty & - \end{vmatrix} \quad M_s = \begin{vmatrix} - & - & - & 1 & - & 2 \\ - & - & - & 1 & 2 & 2 \\ - & - & - & - & 2 & 1 \\ - & - & - & - & - & 1 \\ - & - & - & - & - & 2 \\ 1 & 1 & - & - & - & - \end{vmatrix}$$

$$l_{36} = l_{35} + l_{56} = 10 + 40 = 50$$

$$M_L = \begin{vmatrix} - & \infty & \infty & 20 & \infty & 50 \\ \infty & - & \infty & 30 & 20 & 60 \\ \infty & \infty & - & \infty & 10 & 30 \\ \infty & \infty & \infty & - & \infty & 10 \\ \infty & \infty & \infty & \infty & - & 40 \\ 30 & 40 & 50 & \infty & \infty & - \end{vmatrix} \quad M_s = \begin{vmatrix} - & - & - & 1 & - & 2 \\ - & - & - & 1 & 2 & 2 \\ - & - & - & - & 2 & 1 \\ - & - & - & - & - & 1 \\ - & - & - & - & - & 2 \\ 1 & 1 & 2 & - & - & - \end{vmatrix}$$

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$$L_2 = l_{16} + l_{26} + l_{36} = l_{16} + (l_{25} + l_{56}) + (l_{36} + l_{56}) = l_{16} + l_{25} + l_{56} + l_{36}$$

$$L_2 = 50 + 20 + 40 + 10 = 120$$

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$$90 < 120$$

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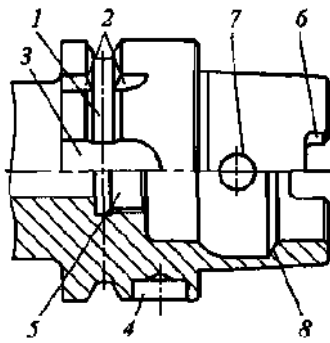
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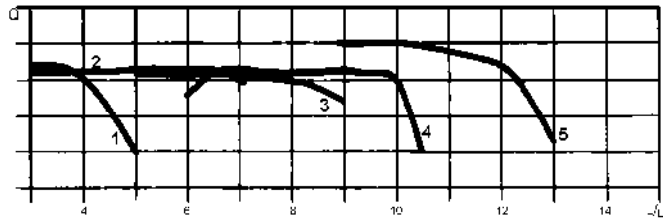
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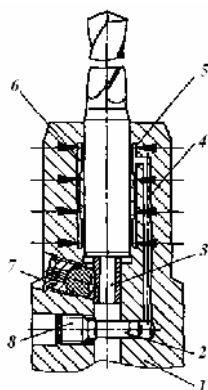
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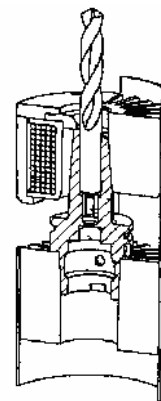


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$$\begin{aligned} & \rightarrow V \wedge V \\ & V \neq f(V) \\ & n = f(Vp) \end{aligned}$$

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$$Q = \frac{U}{\alpha}$$

$$= \frac{1}{\frac{\alpha}{2\pi}} \quad (1)$$

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$$\eta = \frac{Q}{K}$$

(1)

$$\eta = \frac{\alpha}{2\pi/U}$$

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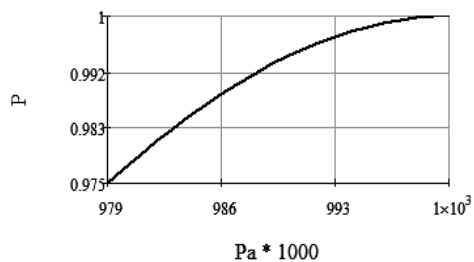
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$$P = Pa^{12} \cdot Ppm + Ppm \cdot \left(\sum_6 C_2^1 \right) \cdot (1 - Pa) \cdot Pa^{11}$$

$$P = 1 - P = 0,980...1 (\quad . 1).$$

$$(\quad 2),$$



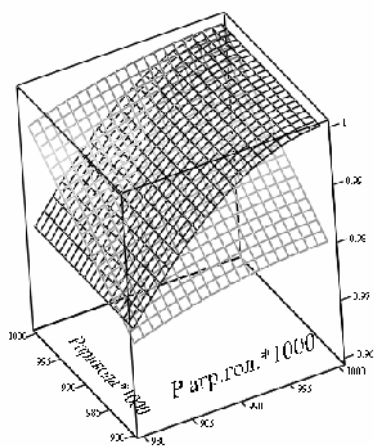
$$P = Ppm \cdot Ppr \cdot Pa^6 + Ppm \cdot (C_6^5) \cdot (1 - Pa) \cdot Pa^5$$

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