

[2, 4]

[1, . 16].

[2, . 124].

( )

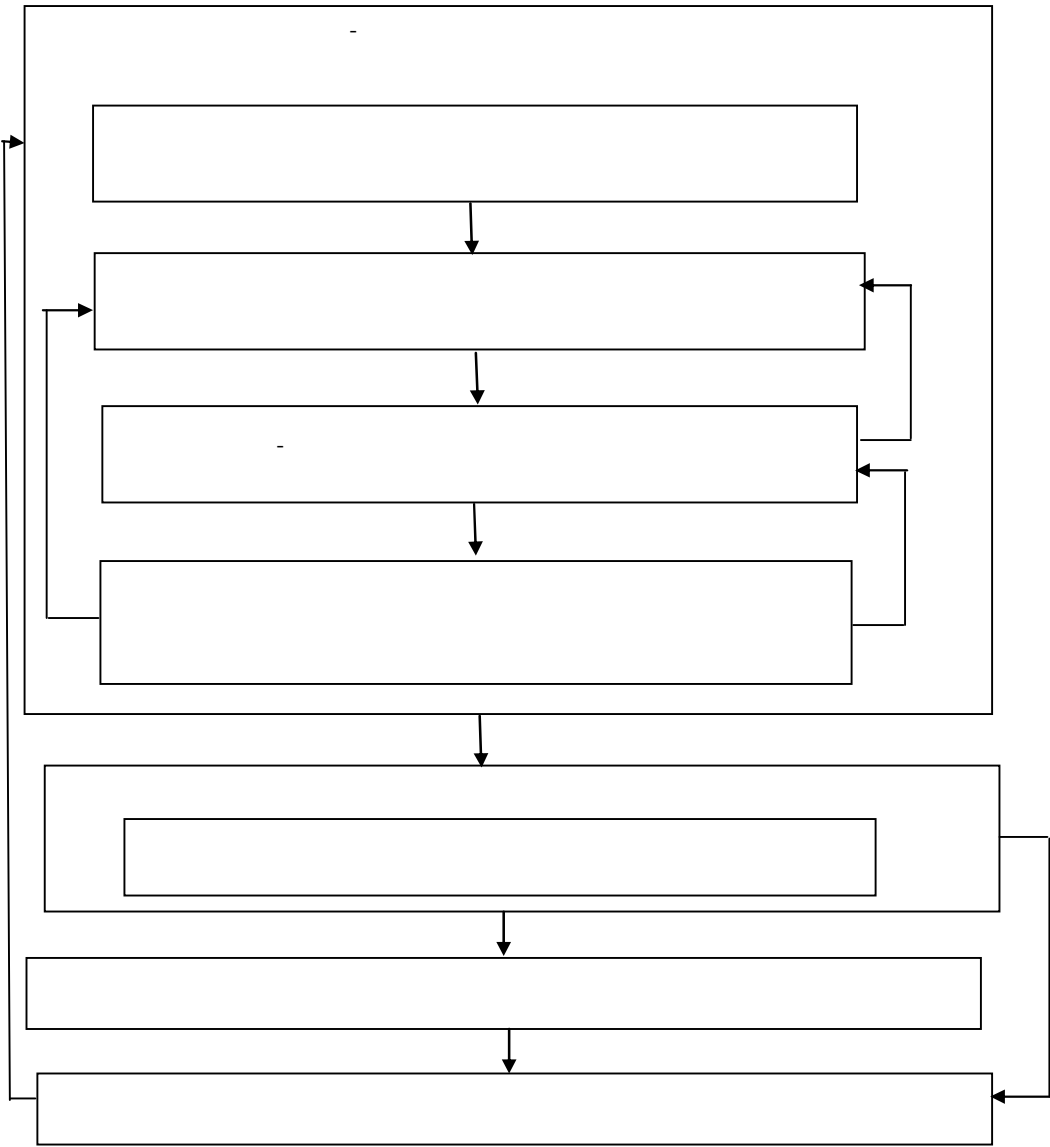
( ),

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[5, . 28; 6, . 79-81].

( )

( .1).



.1.

1)

2)

3)

4)

$$\begin{aligned}
I &= \{i: i = \overline{1, i'}\}, \quad i' = \overline{1, P^i}; \\
P &= 1, P^i, \quad P^i = \overline{1, P^i}; \\
v_{iP} &= \sum_{P=1}^{P^i} v_{iP} = 1; \quad v_{iP} \geq 0; \\
c_{iP} &= \sum_{P=1}^{P^i} c_{iP}; \\
x_{iP} &= \sum_{P=1}^{P^i} x_{iP};
\end{aligned}$$

$$Z(X) = \max \sum_{i=1}^i \sum_{P=1}^{P^i} x_{iP} \tag{1}$$

$$L(X) = \max \sum_{i=1}^i \sum_{P=1}^{P^i} v_{iP} x_{iP} \tag{2}$$

$$C(X) = \min \sum_{i=1}^i \sum_{P=1}^{P^i} c_{iP} x_{iP} \tag{3}$$

$$\sum_{i=1}^i \sum_{P=1}^{P^i} c_{iP} x_{iP} \leq C_0 \tag{4}$$

$$1 \leq x_{iP} \leq N_{iP} \tag{5}$$

$$x_{iP} \geq 0; \quad x_{iP} = \text{int}; \quad i = \overline{1, i'}; \quad P = \overline{1, P^i}; \tag{6}$$

(1)-(6)

[8]

[9].

1. ... / ... ,
  2. ... ,1990.-128 .
  3. ... ,2002.-672 .
  4. « ... ».-2006.-20 .
  5. ... / ... .-2009.- 1.- .28-31.
  6. ... // ... .-2009.- .79-81. .- 2.
  7. ... / ... , ... ,
  8. ... « ... i » ,1992.-208 .
  9. ... ,2002.-164 .
- 181 .
- ... ,I.B. ... ,2004.-256 .

336.761 (477)

( ) 0,0002%

[1, c. 7].