

658.012.23:004.942

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:
M = S ⊗ urot(href(S)) ⊗ tpp ⊗ urot(href(S)),
insMainDmatrix(M, 2*N - w, N - x, w, w),
insHvector(M, 2*N, N, N),
insMainDmatrix(M, 3*N, 2*N, N, N),
M - ; tpp -
N N;
S - ;
w - ;
N - .

```

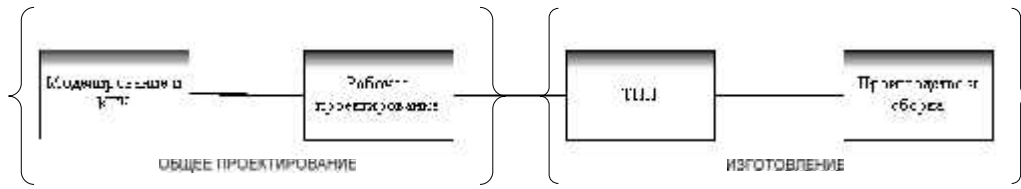
().

[8,9].

```

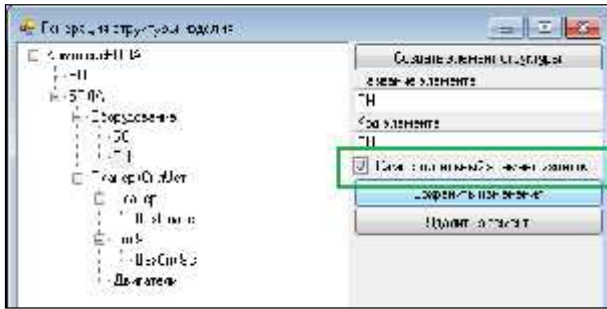
- ⊗;
- rot(M), ( . 1).
- urot(M);
- href(M), - vref(M);
- insHvector(x, y, w);
- insMainDmatrix(m, x, y, w, h);
- ml & m2.

```



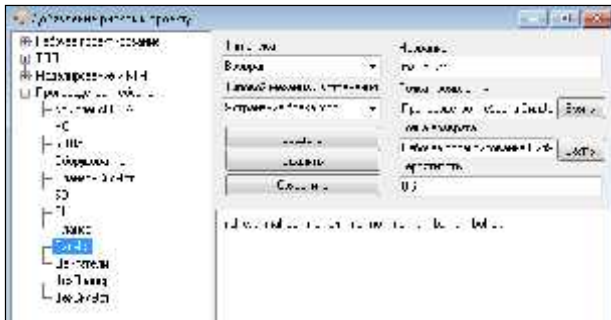
. 1.

« » (. 2).



. 2. « »

(. 3).



. 3.

1.

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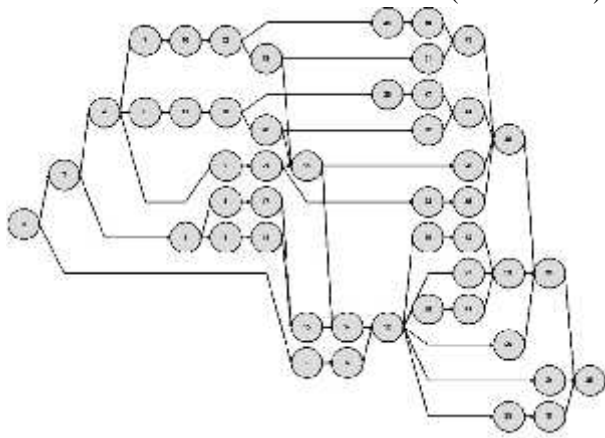
2.

().

3.

28

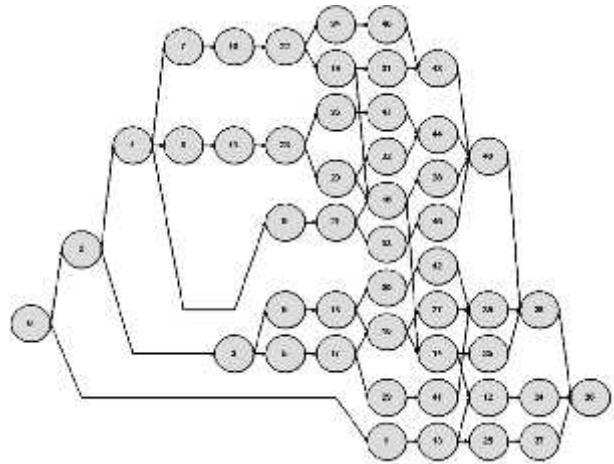
(.4)
(31-35)
(19-23),
(12).



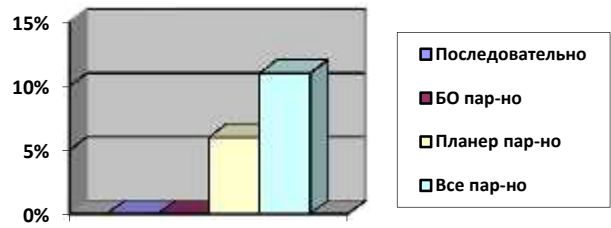
.4.

11%

- 6% (.6).



.5.

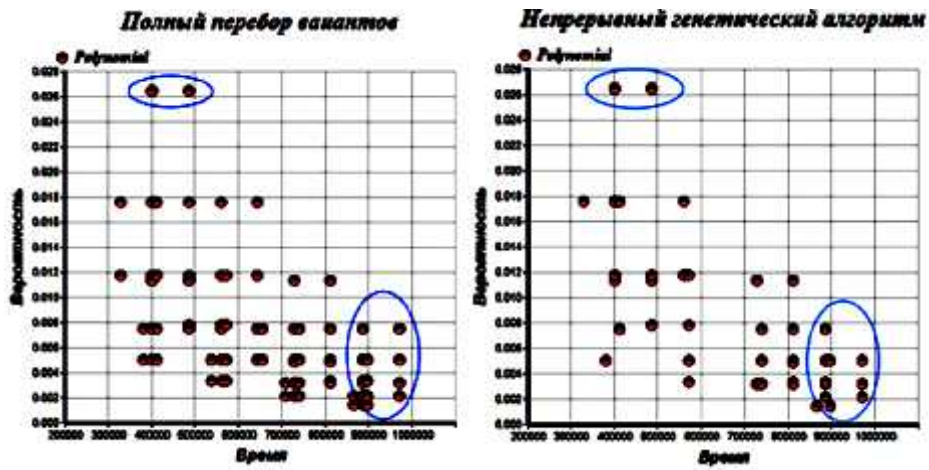


.6.

53

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.5.



.7.

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682-816,2	0,042
816,2-950,4	0,252
950,4-1084,6	0,1456
1084,6-1218,8	0,1764
1218,8-1353	0,084
1353-1487,2	0,018
1487,2-1621,4	0,108
1621,4-1755,6	0,0624
1755,6-1889,8	0,0756

(.8): 327360

, 97120

(.8): 682 2024

(.8): 682

1153

1331

1379

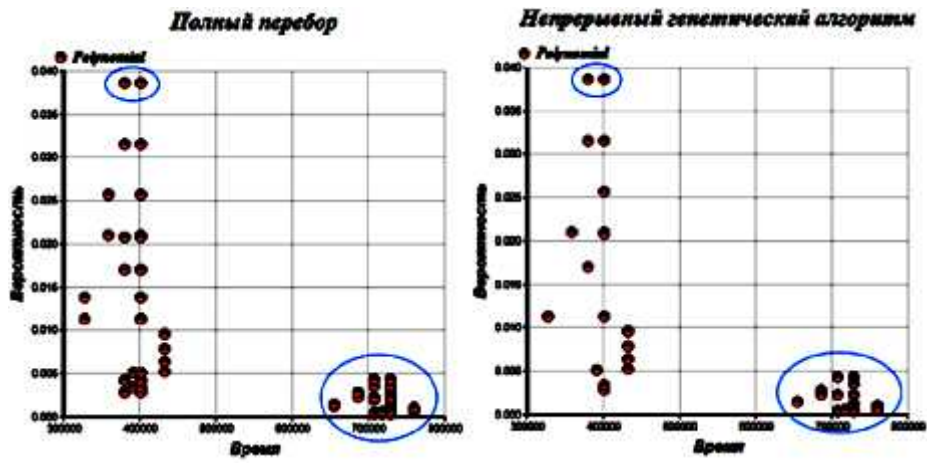
3,5%

49%.

(.1).

0,574

816 – 1218



. 8.

1168

1,5%
49%.

2).

0,7

772 – 862

10-60

2

682-772,2	0,07452
772,2-862,4	0,7017975
862,4-952,6	0,0453375
952,6- 1313,4	0
1313,4-1403,6	0,00154
1403,6-1493,8	0,0168775
1493,8-1584	0,0220375

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COMPUTER SYSTEM FOR COMPLEX PROJECT TECHNICAL AND ECONOMIC PARAMETERS SIMULATION

S.A. Koba, E.A. Druzhinin

The system for complex projects technical and economic parameters simulation based on the methods and models of project schedule generation taking into account the influence of risk factors and the cycle of work organization was proposed. The main difference with existing systems is the ability to rebuild the project structure during the modeling process, to ensure the high level of adequacy with real processes. The system allows to calculate concentration peak and average values of parameters, as well as the probability of parameters values to be in the specified range. Application of the proposed system makes it possible to increase the efficiency of complex projects management, as well as improve the accuracy of the decisions made at the planning stage. The process of forecasting technical and economic parameters of unmanned aircraft system development project was researched.

Keywords: complex project, schedule generation, simulation, unmanned aircraft system.