

MODELS AND ALGORITHMS OF CHOOSING SOLUTIONS ON SEARCH ITERATIONS IN NUMERICAL VECTOR SCHEMES

© 2008 S. V. Belokurov

Voronezh Institute of Ministry of Internal Affairs of Russia

The paper deals with the problem of choice and taking decisions as well as with the problems of modelling that occur when using numerical vector schemes on search iterations.

Choice, mechanisms, model, numerical vector schemes, search iterations

References

1. Belokurov, S. V. Synthesis of choice functions on search iterations in numerical models of multicriterial optimization / S. V. Belokurov, Yu. S. Serbulov, S. V. Velitchko et al. – Voronezh: Nauchnaya kniga, – 2003 – 95 pp.

2. Belokurov, S. V. Problem of choosing optimal variants on the basis of the probability approach/S.V.Belokurov, V.I.Sumin, M.V. Pitolin

et al. // Vestnik of Voronezh State Technical University. – Series: Radioelectronics and communication systems. – 2006 – No. 7 – pp. 59-62.

3. Belokurov, S. V. Mathematical models in the context of market transport environment dynamics / S. V. Belokurov, A. V. Kononova // Ekonomika i proizvodstvo (Economy and production) – 2007 – No. 1. – pp. 20-23.

Belokurov, Sergey Vladimirovitch, lecturer of the department of information-and-technical support of the Internal Affairs candidate of physical and mathematical sciences, Voronezh Institute of Ministry of Internal Affairs of Russia. Area of research: methods of system modeling, theories of vector optimization and expert assessment extrapolation, theories of choice and taking decisions, computing mathematics, graph theory, theory of structural and system programming, new information technologies, models and algorithms for organizing and controlling city passenger traffic.