

## The annotation of scientific report

Vetrov A.N. The bases of the financial analysis of the infrastructure of organization based on the cognitive modeling technology / A.N. Vetrov // "The fourth Russian economic congress" ("4 REC") of "The new economic association" ("NEA"), the thematic conference "Banks and financial markets" ("B and FM"): the materials of "The fourth Russian economic congress" ("NEA"), RF, Moscow city, the 21<sup>st</sup>-25<sup>th</sup> of December 2020 y. – M.: "The economic faculty" of "MSU named after M.V. Lomonosov", "The institute of economics" of "RAS", 2020. – 7 p.

The apparatus of the cognitive modeling technology for the financial analysis of the organizational structure, which includes the technique of its use, the algorithm of formation of the structure of the parametrical cognitive model, the innovative models of representation of the structure of the cognitive model, the technique of formation of the regulatory-legal basis of the financial analysis, the technique of formation of the information basis of the financial analysis, (the technique of additional check of the information basis of the financial analysis), the techniques of formation (creation and modification) of the work plan of accounts and the model of accounting (of enterprise, organization and credit organization), the technique of carrying out of the horizontal, vertical and trend financial analysis (of the condition of the enterprise, organization and credit organization on the basis of the formed and reconstructed system of analytical coefficients), the parametrical cognitive models block for the horizontal, vertical and trend financial analysis based on the analytical coefficients system, the technique of research of the parameters of the cognitive model for the financial analysis and the algorithm of processing of a posteriori data of the financial analysis.

It is intended directly for the scientists and employees of SRI, the teachers of economic and technical HEIs, and also the students of the various specialties: 08.00.05 – "Economics and management of the national economy" (economic systems), 08.00.10 – "Finance, money circulation and credit" (economics and finance), 08.00.12 – "Accounting and statistics" (the consolidated reporting of banks), 08.00.13 – "Mathematical and instrumental methods of economics" (the financial analysis), 05.13.01 – "The system analysis, control and information processing" (technical systems), 05.13.06 – "Automation and control by the technological processes and productions" (industry) and 05.13.10 – "Management in the social and economic systems" (regional and world economics).

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