New interdisciplinary approach to management of high-tech enterprises based on technologies of Business Informatics

© P.A. Drogovoz, P.D. Ivanov

Bauman Moscow State Technical University, Moscow, 105005, Russia

The article describes the current state and trends of development for business informatics as an interdisciplinary scientific and educational approach, which unites economics, informatics and management. The basic structural elements of business informatics are defined, as well as peculiarities of their implementation in industry. Prospects of their development on the basis of the network-centric concept are defined.

Keywords: business informatics, information systems, information management, process management, business intelligence, Internet economy, network-centric technologies.

Drogovoz P.A., Head of the department of Entrepreneurship and Foreign Economic Activities of Bauman Moscow State Technical University, Advanced Dr. Sci. (Economics), Professor. Author of about 70 publications including 8 monographs in the field of theory and methodology of value-based management, organizational economic analysis and design, civil-military integration, business informatics. e-mail: drogovoz@gmail.com

Ivanov P.D., postgraduate, assistant lecturer of the department of Entrepreneurship and Foreign Economic Activities of Bauman Moscow State Technical University. e-mail: ivanovpd@yandex.ru