

Andryukhina Lyudmila M.

Doctor of Philosophy, Professor, Russian State Vocational Pedagogical University, Yekaterinburg.

E-mail: andrLM@yandex.ru

TELEPRESENCE TECHNOLOGIES AS A NEW ANTHROPOLOGICAL PLATFORM FOR EDUCATION DEVELOPMENT

Abstract. *The aim* of the study is to explore the ways for overcoming deformations of anthropological educational bases caused by total informatization.

Applying the theoretical and empirical analysis *methods*, the author indicates the trend toward displacement and substitution of the human image in education, and significant deformation of anthropological educational bases, resulting from informatization of education. The research relates the above anthropological deformations to the first phase of informatization and the platform of «human-computer technologies», based on Cartesian paradigm or the «culture of meaning».

Scientific novelty involves substantiating the necessary transition to the new informatization phase of education, based on the telepresence technology and creating the «culture of presence». Thereby through the media technologies, a real man can be engaged in the process of academic communications. In the future, it can expand to creative cooperation, joint research projects and creative design.

Apart from the theoretical value, the research has its *practical significance* resulting from the new anthropological platform formation in education.

Keywords: anthropological bases of education, informatization of education, telepresence, culture of meaning, culture of presence, telepresence technologies, anthropological platform of education development.

Reference

1. Andryukhina L. M. Tehnologii teleprisutstvija – novaja kreativnaja platforma razvitija obrazovanija. *Fundamental'nye issledovanija*. [Fundamental research]. 2013. № 10 (12). P. 2754–2759. Available at: www.rae.ru/fs/?section=content&op=show_article&article_id=10002134 (In Russian)

2. Avetisjan P. S. Informatizacija obrazovanija kak informacionno-tehnologičeskaja i sociokul'turnaja osnova formirovanija edinogo obrazovatel'nogo prostranstva stran SNG. [Informatization of education as information technology and socio-cultural basis of formation of a unified educational space of the CIS]. *Vestnik RUDN*. [Bulletin of Peoples' Friendship University]. 2007. № 1. Available at <http://ido.rudn.ru/vestnik>. (In Russian)

3. Gumbrecht H. Proizvodstvo prisutstvija. Čego ne mozhnet pere-dat' značenie. [Agricultural production presence. Why can not re-give value]. Moscow: Novoe literaturnoe obozrenie, 2006. (In Russian)

4. Dzhemtrud M., Muramoto, K., Kumar, S., J. Wiley New technologies in collaborative design studio at Carleton University and the University of Pennsyl-

- vania. *International Electronic Journal of Research and Education of the scientific and technical and educational aspects of contemporary architectural education and design using video and computer technology*. 2008. № 1 (2). Available at: <http://www.marhi.ru/amit/2008/1kvart08/Dzemtrud/article.php>. (In Russian)
5. Konanchuk D., Volkov A. *Jepoha grinfilda v obrazovanii*. [Epoch Green-field in education]. Skolkovo: Centr obrazovatel'nyh razrabotok Moskovskoj shkoly upravlenija Skolkovo. [Centre for Educational Development of the Moscow School of Management SKO-kovo], 2013. (In Russian)
6. Rozina I. N. *Teorija i praktika obuchenija pedagogicheskoj kommunikacii v obrazovatel'noj informacionno-kommunikacionnoj srede*. [Theory and practice of teaching pedagogical communication in the educational information and communications environment]. Doct. Dis. Moscow: MSPU, 2005. 49 p. (In Russian)
7. Sergeev S. F. *Obuchajushhie i professional'nye immersivnye sredy*. [Educational and professional immersive environment]. Moscow: Education. 2009. 432 p. (In Russian)
8. Slobodchikov V. I. *Antropologicheskij smysl issledovatel'skoj raboty shkol'nikov*. [Anthropological sense of research work of students]. *Issledovatel'skaja rabota shkol'nikov*. [Research schoolchildren]. 2005. № 4. Available at: http://www.irsh.redu.ru/content.html?action=insert_number&year=2005&number=4. (In Russian)
9. Slobodchikov V. I. *Antropologicheskaja perspektiva oteche-stvennogo obrazovanija*. [Anthropological perspective the Patriotic-governmental education]. Moscow; Ekaterinburg. Eparkhia. 2009. (In Russian)
10. Filonenko A. «Proizvodstvo prisutstvija» i novaja kul'tur-naja chuvstvitel'nost': «neskromnoe predlozhenie» Hansa Ul'riha Gumbrehta i ego akademicheskie rasshirenija. [«Production of presence» and a new culture Nye sensitivity «immodest proposal» by Hans Ulrich Gum-Brecht and his academic expansion]. Available at: <http://clement.kiev.ua/ru/node/371>. (in Russian)
11. Frumkin K. G. *Utrata chelovecheskogo oblika, ili fenomenologicheskaja sociologija v jepohu Interneta*. [Loss of human appearance, or phenomenological sociology in the Internet age] Available at: http://nounivers.narod.ru/ofirs/kf_him.htm. (in Russian)
12. Jsselsteijn Wijnand. *Elements of a multi-level theory of presence: Phenomenology, mental processing and neural correlates* // *Proceedings of Presence*. 2002, Oct. 9–11. P. 245–259. Universidade Fernando Pessoa. Porto. Portugalю 2002. (Translated from English)
13. Lichtman Howard S. *What is Telehresence?* // *Telehresence Options*, Spring, 2011. Access mode: <http://telepresenceoptions.com/magazine/subscribe.php> (Translated from English)
14. Lessiter J., Freeman J., Keogh E. & Davidof J. *Development of a new cross-media presence questionnaire: The ITC-sense of presence inventory*. In: JJs-selsteijn W. A., Freeman J. & de Ridder H. (ed.) // *Proceedings of PRESENCE 2000 – 3-rd International Workshop on Presence (CDROM)*, Delft, The Netherlands, 27–28 March 2000. Access mode: <http://homepages.gold.ac.uk/immediate/immersivetv/P2000-lessiter.htm>. (Translated from English)
15. Lombard M. & and Ditton T. (1997). *At the heart of it all: The concept of presence* // *Journal of Computer-Mediated Communication*. 2003. № 3 (2), October 20. Access mode: <http://www.ascusc.org/jcmc/vol3/issue2/> (Translated from English)

16. Schubert T., Friedman F. & Regenbrecht, H. Decomposing the sense of presence: Factor analytic insights Paper presented at the 2-nd International Workshop on Presence, University of Essex, UK, 6-7 April, 1999. Access mode: <http://www.uni-jena.de/~sth/vr/insights.html>. (Translated from English)

17. Sheridan T. B. (1992). Musings on telepresence and virtual presence. *Presence: Teleoperators and Virtual Environments 1*. P. 120-126. (Translated from English)