

1. . / // . – 2002. – 5. – . 60-75.
2. . – 2001. – 3. – . 122-139. / //
3. . – 2004. – 4. – . 5-23. : [ ] //
4. [ . . . ] . – : , 2005. – 380 . / ;
5. . [ ] / . – : <http://www.ji.lviv.ua/n53texts/fukuyama.htm>
6. : / . . – . : , 2004. – 219 .
7. ? [ ] / . – : <http://www.day.kiev.ua/uk/article/podrobici/shcho-take-socialniy-kapital>
8. Kirckpatrick D. The Facebook Effect: The inside story of the company that is connecting the world / Davud Kirckpatrick. – N.-Y. Publishers Group, 2010. – 488 p.

#### Summary

**Luchak A.-M. Social and Communicative Network Facebook as a Source of Social Capital.** The author considers the concept of social capital as the basis of human social interaction. The article highlights interrelation between network structure information society and creation of social capital. The main characteristics of social and communicative Internet networks that facilitate the production and strengthening of social capital are outlined. Open social networking communication is the key to formation of strong relations and trust among community members. Keywords: social capital, information society, social communication network, communication, trust, norm.

УДК 101.1+001.12

© Світлана Сумченко

Сумський державний педагогічний університет імені А.С.Макаренка

### ПРОБЛЕМИ ПРАКТИЧНОГО ЗАСТОСУВАННЯ НІ-ТЕСН: ФІЛОСОФСЬКИЙ ТА СВІТОГЛЯДНИЙ АСПЕКТИ

*Tech)* , ; (Hi-  
» ; «NBIC-  
NBIC  
NBIC , NBIC  
« (Hi-Tech),  
»,

---

(Hi-Tech). Hi-Tech

Hi-Tech.

[3, .54].

Hi-Tech

---

« »

«...»

» [9, . 28].

XX

( convergence – )

« »

NBI : - , - , -

S ( ),

NBI [5, . 3].

[10, . 122],

[2, . 3].

[11].

« »

« » « ».

?

« ».

---

NBIC-

[4].

i-Tech

i-Tech,

[6, . 102-120].

. 33].

[8,

[1, . 271].

---

NBIC

1. / . . . // - ; [ . . . . . ]. - . . . :  
- , 2007. - . 267-273.
2. / . . . , . . . // - . - 2013. - 3. - . 3-12.
3. B. C. . - 2014. - 8. - . 54-65.  
//
4. . . . - ! [ . . . . . ]  
/ . . . . - ( 2015 . ) :  
<http://www.moscowuniversityclub.ru/home.asp?artId=7639>.
5. B. C. : NBICS- /  
. . . // XX , - :  
. . . , 2012. - . 3-16.
6. . . . / . . . . - . . . , 2013. - 440 .
7. . . . NBIC- / . . . , . . .  
// . - 2008. - 1. - . 97-116.
8. . . . / ; [ . . . . . ] ;  
. . . . . , 1987. - 240 .
9. . . . / . . . .
10. // . - 2015. - 4. - . 26-35.
11. Baez J. Subcellular Life Forms. UCR. 2005. December 21 [ . . . . . ] / J. Baez. -  
( 2015 . ) : <http://math.ucr.edu/home/baez/subcellular.html>.

**Summary**

**Sumchenko S. The Problems of the Practical Application of Hi-Tech: Philosophical and Worldview Aspects.** The substantial characteristics and the essential features of high technologies as a complex, multifaceted social and cultural phenomenon are analyzed; the content of the concept «NBIC-convergence» is analyzed; the specificity of phenomenon of technoscience as a new form of interaction between science, industry and business is given in the article. The author states that the synergy NBIC technologies has significant potential technological capabilities, which in turn will have a significant impact on the different forms of life of planetary civilization, creating a philosophical and worldview problems. The essence of these problems is analyzed. The existing concept of the noosphere treated as such, which can be used to describe the progress and results of «directed evolution» under the influence of NBIC technologies. **Keywords:** science, high technologies (Hi-Tech), technoscience, convergence, synergy, NBIC technologies, philosophical and worldview problems, «directed evolution», noosphere, the law of techno-humanitarian balance, noosphere outlook, global thinking.