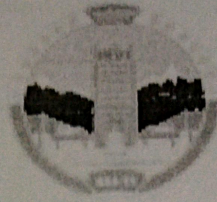HUFS
Республика Корея
Сеул

КазНУ им.аль-Фараби
Республика Казахстан
Алматы

2016

СовместнойМеждународной научной конференции Казахского Национального Университета им.аль-Фараби и Университета иностранных языков Хангук

알파라비카자흐국립대학교-한국외국어대학교 공동국제학술대회

«Корееведение в Центральной Азий и цифровая гуманитаристика в Корее»
"중앙아시아의 한국학과 한국의 디지털인문학"

Дата проведения 일시	22~23. 12. .2016г. 2016.12.22(목)~23(금)
Место проведения 장소	факультет Востоковедения КазНУ им.аль-Фараби (№ 503) 알파라비카자흐국립대학교 동방학부 회의실 (№ 503)
Организаторы 주최	КазНУ им. Аль-Фараби и Университет иностранных языков Хангук 알파라비카자흐국립대학교, 한국외국어대학교
Исполнители 주관	Кафедра Дальнего Востока/ Исследовательская группа(BK21) по подготовке специалистов в сфере Эстник Кориатаун и возрождения города при Университете иностранных языков Хангук 알파라비카자흐국립대학교 극동학과(한국학과) 한국외국어대학교 글로벌문화콘텐츠학과 BK21+ 에스닉-코리아타운도시재생특화전문인력양성사업단

Education and mentality in the digital age
디지털 시대의 교육과 멘털리티

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Education and mentality in the digital age

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Abstract

The article analyzes the role of the digital revolution in and its influence on the transformation of education. taking into account mental features. The inevitability of human existence in a digital reality subject socialization of the individual to a change. State internal policy also requires changes. One of the key factors in the formation of human capital is education. which is impossible without taking into account the transformation of human thinking process.

Keywords: digital age,digital diet,computing. socionics. sociotypes, mentality.

The main impetus of the development of Western philosophy of education – the critical offering the fundamentally new way of view at the world as the reflection in relation to the previous mode of existence in the culture and philosophy – in modern. Despite the controversy, postmodern philosophy of education in their ideas closely linked with such directions as critical pedagogy. feminist pedagogy and philosophy of education. antipedagogy. deconstruction and post-structuralism; sometimes in different works can be seen that the same authors is referred to. and post-modernism. and neo-pragmatism (such as Richard Rorty), to critical pedagogy and postmodernism (for example, P. Freire), etc. According to N. Burbulesa. postmodernism is often considered synonymous with post-structuralism and deconstruction. but it also include phenomenology,

some areas of critical theory, hermeneutics, feminism, neo-pragmatism, and the so-called "postanalytical" philosophy. These various philosophers such as Ludwig Wittgenstein (in the later period of his life), Foucault, Heidegger, Habermas, Nietzsche, E. Levinas, D. Davidson, Derrida, H. G. Gadamer, Rorty R., H. Putnam, and, of course, John Dewey, too, one way or another fall into that territory "[1] Appeal to the works of Western philosophers shows that unresolved problems in modern education very much, but the call is left unanswered the philosophy of education. The process of thinking about contemporary problems of Western education is very intense. In general, the situation in the western philosophy of education can be characterized as a criticism and "revision", revision and reconceptualization of ideas, "new interpretation", etc. The phenomenon of postmodernism in education - is the radical revision and rethinking of the bases upon which the whole edifice of European culture and civilization. On the one hand, postmodernism is overly relativized moral values and norms, discarding priorities and clear direction. On the other hand, the power of postmodern thought is the recognition of cultural polyphony, opening scope for genuine dialogue, release it from dogmatism, underlining the radical pluralism of language games.

The consolidation of the society a key role is played by the education system, which is designed to provide the spiritual and moral development of the individual in order to build citizenship, the adoption of national public values. Educational institutions are designed to educate a citizen and patriot, disclose the abilities and talents of young people, preparing them for life in the high-competitive world. At the same time educational institutions must constantly interact and cooperate with other subjects of socialization, based on national values and traditions.

The challenges facing the higher education system:

1. Generate a new mentality, which will be based on such a belief: education generates new knowledge and information, and not only reproduce and consume them;

2. Create new types of cognitive methodology, which will allow to overcome the psychological barriers of thinking, to develop the ability to think abstractly and in learning to form productive knowledge;

3. Create a new educational environment that allows customers to receive a quality education.

But the problem today is that the transformation came to us from the entrance to the digital of space that have changed in the whole of human activity. Education is not just the quality has changed, but also the human thinking and perception has changed in view of the digital culture. If on one hand we are talking about the prominent achievements of progress in the sphere of science and education, and how this digital technology has transformed laboratories and simple jobs modern scientists. Just human life has become comfortable and all state and public service takes place in the space of Internet. But on the other hand, we are talking about other issues that also did not go unnoticed. There is a need to note that the orientation perception began to rely on sight. The vision has become a major source of environmental information perception, which in turn gave rise to fragmented thinking – is the processing of information in the form of excerpts, without a holistic perception. There was a danger of enslavement of man his own digital technology. Of course, these facts are reflected in education.

The above concepts can be considered on a practical example. In one of the international schools (RAINBOW International school) in Seoul offer training for schoolchildren without using textbooks [2].According to the school administration and teachers, educational literature is too limited in its amount to schoolchildren. The example was based on the book of world history, where information about the cave man is given in the amount of two sections. While students at its discretion may find information on the Internet, visit the virtual museum.And they know the very latest information. According to the statement of the administration to date is not possible to take into account the specifics of teaching in the 21st century. The main aspect is the priority that the school aims to cultivate leadership skills when the student himself can choose the information he needs.That in turn has prompted many questions from parents of enrolled students. The first issue was the question of digital security when parents do not know how their children are using this opportunity to visit them in the digital space of internet.After all, when

using social networks lost control over the child. Can attackers to manipulate fragile and trusting nature of the child, who uses skype? The yield was proposed monitoring actions made on the unit training. But at the same time stressed the importance of using the application is not online broadcasts, which are not controlled. Saying this teachers asked parents not to injure the child's total control of the child to feel the confidence of parents and teachers, thus base their relations on a positive level. It is impossible today to enclose the child from all outside of the virtual world, one way or another, he will find a way to use the space of the Internet, while hiding from friends and relatives. Also talked about the rights of prisoners use gadgets by children that they are given at school. And the use of punishment measures for non-compliance with the rules set by parents and discussions with children. The important moment was marked educational process has on the children in the school work together parents and children. Of course, when considering the methods of teaching in the school, the main issue is the one used by the literature and how to monitor them. The teachers of the school in their school site is completely marked out literature, which is used during the educational process. The sources used by schoolchildren during the execution of tasks they note presentations. Thus, this information is open for both parents and teachers. The method of this school we do not call perfect, we describe an alternative teaching methods and methodology, taking into account the digital age. After all, there is a record of activities of human activity in the digital age when the children are happy to carry out tasks in the form of colorful presentations, which in turn helps in the development of creative skills, not only the design but the processed literature and the ability to expand the list of used literature. The main task for themselves teachers in this aspect of the use of digital technologies mark their coordinating role in an infinite network. The main problem of education is how to teach and how to understand that knowledge is relevant. Teaching is the most urgent the problem of today. How to teach complex subjects such as philosophy at the universities for a generation who simply just boring to perceive what was taught in the classical manner. How can we say about the relevance of knowledge in the

university, where information today obsolete within three years. Our proposed technique in this article is based on a study of the foundations of human existence as a national cultural mentality and determine their place in the system of modern society for harmonious living and effective activity based on the maximum realization of his personal potential. Young science offered by us to determine is socionics. It is a classification of people based on the kinds of perception and how to play, that is, to realize their potential. The next point in the study of the features of modern education in the digital age is to study the features of mentality. That is, we are invited to consider how the response to the challenges of the digital age at the national level. After all, we solve problems on the basis of our nature, and factors in which there was one or the other situation. The model through which we define the national mentality of rational and irrational nature is socionics. Socionics allows to explain and predict the comfort of communication between different people on the basis of their knowledge sociotypes. This is done using intertype relations that show the extent to which the information issued by the representative of the same type will be comfortable for the perception of another representative. In total 16 different types in socionics isolated intertype relations. The special place among them belongs to the dual relationship in which both types to complement each other, covering its strong functions weak partner space, and it happens in such a way that your partner does not feel discomfort because of his weakness for him. In duals all the main features of TIM is the opposite, except for sign of rationality – irrationality, ie, duals are always two or rationals, irrationals [3].

This model can be used:

1. To determine sociotypes the sake of completeness the study that explains the mental characteristics on conscious and unconscious levels.

2. For a comfortable and efficient conduct classes.

It turns out that this model can be used on all areas where you need to study the informational metabolism, as well as in different scales on a personal level as well as on the country or group of countries level.

The mentality of the countries the research method used for the effectiveness of the stay in a harmonious and updating of the work. The

with whom relations are good, have the ability to morally support, comfort, justify, if something goes wrong.

They love comfort, the use of modern technology for comfort, appreciates beauty, accuracy, trying to be as such. Respects diligence, calm, unstressed working atmosphere. She loves when someone solves a problem for them. Appreciate and wants to receive care in their side sometimes take for granted the fact that about it in a given situation is required to take care of. Himself a long time is difficult to take care of someone and show frantic activity. Most would like to help and support people.

This sociotype tend to obey the rules, it's hard to argue with authority in his opinion the people, and do not really want to argue that easier to accept, while maintaining harmony in the relationship. If these people explain something to someone, it often refers to the rules and sources explain that do not see the point. It is difficult and you do not want to put pressure on people to force someone, but the representatives of the social type can assume that it is necessary to create a certain opinion about it. Trying to subdue someone currently is rather through the creation of a certain atmosphere of loyalty some idea. It is difficult to make decisions and take responsibility for them, it is easier to find a way to avoid such a need.

The study of the mental characteristics of the country in the digital space, it is reviewed not only the team, but the people who, owing to historical events have already-formed mentality. People's mentality – the attitude, perception of the world, are determined by national customs, way of life, thinking and morality. And, of course taking into account all factors influenced to shape the mentality of a particular country. In the study of the Republic of Korea, we can note that this country has sharply felt the surge of the impact of globalization as well as the investigation of the digital era for yourself. The Republic of Korea up to the Summer Olympics in 1988 led an indoor life. It was a signal of a new course of development of the country started intensive steps to transform the surrounding reality. The transformations not only in economy, but also politics, culture, way of life. Comprehensive development is based not only the release of equipment

technology. but also on the outlook originating from Confucianism. It customs and traditions of respect and harmony of living and inanimate nature. Thrift, practicality and hard work that distinguishes the people. All of these technologies and the desire to transform the digital age there are people, and this product is available for people. Striving for success of the economy can not forget about the future of the country based on a unit of measure as a man. The fate of every citizen entrusted into the hands of the state, a successful steady state carries the work and the fate of several generations, the heritage that we will leave for our children's grandchildren.

One example of successful implementation in the digital space is a social network KakaoTalk, created by Korean developer. KakaoTalk began to expand its services back in 2010, was released in December of that year, its first not chat service - Gift Shop. In March 2012, it was appeared KakaoStory, and June - KakaoGame.

Gift Shop in Kakao was the next step in history of the company. Because instead of money, a special code is used here, which you can give a friend, and he therefore can it be exchanged for example, a cup of coffee, jewel, t-shirt or ice cream.

KakaoStory allows you to share photos, albums. Pictures can be edit, and view their friends in the news style. Thanks to its intuitive user interface design, it can be used by people of all ages. And in just 3 days from the date of occurrence KakaoStory gained 5 million users, and 9 days later they were already 10 million. Service KakaoTalk name is unique and has its own history. Kakao founders hoped that their services will give the people and their loved ones quality of life. Thus, the team settled on chocolate, but we decided to just do not call, because considered that it will not give results. So they chose a key element in chocolate - cocoa beans. The basis of the Confucian culture of Korea, which emphasizes hierarchy and unequal relationship, Kakao stands out as the champion in the open working culture. As illustrated, even office employees, as they are open, with large tables, without separators or enclosed spaces [4].

True to get used to this culture in new employees takes some time, but after people get used, they begin to appreciate the freedom of

communication. Kakao founders believe that this type of working environment stimulates innovation.

The features of this network is not just a convenience, ease of use, and the concept, which is a reflection of the mental peculiarities of the country. First of all that goes unnoticed – it emoji characters. Each character has their own story, their fears, feelings, and even complex, which in turn is not clear to many, including the Kazakhs. Since the main characters and emoticons are not strong semantic load only emotional. The creative function of the Korean mentality is why intuition is so filled with images and live. These characters have become so close to the citizens, that the toys or other products with their image filled the shops.

It is necessary to emphasize the importance of rethinking their acts. Let's impossible to have always provided good guidance in the virtual space of the entire population. But it is possible to control your life, without becoming a victim of a new civilization – the new digital era. There is a need to study the impact of digital technologies on human thinking. Alex Suchzhon-Kim Pang, a psychologist, a professor at Stanford and Oxford universities, examines the impact of new technologies on the human psyche, in particular, the phenomenon of painful depending on the figure of the world, as well as the author of the term "contemplative computing." Professor Alex tells us about his study of two monkeys draws his attention in the course of the study. It firstly monkey eggs that can not sit in one place and all its actions are discontinuous and are not brought to an end. The reason her thinking she was trying to catch everything that happens around, but at the same time can not concentrate on one. "Permanent brain activity of monkeys reveals his deep restlessness. Macaque unable to sit still, because her mind never rest. And so the human mind creates an endless stream of consciousness. Even in moments of calm our thoughts always wander somewhere. This situation affects the ceaseless noise of electronic devices, the fire on the icon that informs about the receipt of the letter, the squeak of a new voicemail message – and your mind becomes restless monkey on a triple dose of caffeine. "Monkey mind" does not stop reaching out for a "buffet" of information and gadgets in search of a new "food." He likes when the whole lot, even too much; he is attracted

to shiny, shimmering things; it does not distinguish between good and bad devices."[5, p.10]. The second monkey affects their level of adaptability not to anything else as digital technology in particular on the site of the missing lower extremity prosthesis was attached, sensors were installed in parts of the brain responsible for walking. And this monkey was subjected to no discomfort on the part of the new unit, on the contrary, she felt her limb. "Idoya – one of the monkeys, which Nicolelis works. During his research team the last ten years has demonstrated that a monkey with electrodes implanted in the brain is able to manipulate the joystick or mechanical hand. Brain images showed something remarkable: the neurons in the frontal-parietal lobe of the monkey brain (the one that is responsible for the limbs macaques) during mechanical hand control activated. In other words, the primate brain is trained not to take the ultimate robot as a tool or something foreign. Brain "reshapes" the representation of the macaque body includes a mechanical arm into it. At the level of the nervous system of the boundary between the hand and a macaque mechanical arm is greased. Monkey brain knows: the macaque and the robot – the same creature "[5, p.12]. It should be noted the author proposed 8 principles of contemplative computing. 1. "Be men". 2. "Keep calm". 3. "Proceed thoughtfully". 4. "Freedom of Choice". 5. "Develop your skills" 6. "Seek Stream". 7. "Do not lose the connection with the outside world". 8 "Restoring power".

In the analysis of the concept of contemplative computing and digital monkeys have a close resemblance to Buddhism. After the monkey mind was still considered in the eastern practice and called for meditation. Here is found the same trend in a new way. Digital Life for each of us makes us a digital monkey. Do we reflect how often check the mail? Wasting their time and unrealized potential. The man today, in a state of rest and peace, the problem lies in that comfort zone, which is the place to enter into the activities of individual unrealized. The researcher says that the fault lies not in how much we, as in the art that the digital technologies are designed not correct, is harming us. Interfacing with the surrounding reality, a part of which is today, and virtual reality. Upon reaching harmony with gadgets, a person feels satisfied when all of the

tasks and goals. The pernicious influence of digital technology, we note as internet addiction, spending our time on unnecessary things we. But the author of the aforementioned book also indicates the physical level, the test contact. "Stone called this phenomenon the" e mail- asphyxia "(in consonance with the" night asphyxia "- a disorder of the respiratory system, where the air does not flow into the lungs as a result of physical interference or lack of cerebral pulse).People suffering from asphyxia, many times hold their breath during sleep, sometimes for a whole minute. As a rule, it is not fatal, but it can affect the overall state of the organism, as well as lead to obesity and cardiac disorders.

It looks like "email-asphyxia" spread wider than usual disorders of the respiratory system of the body. Among the world's population of about 100 300 million suffer from night choking.In the United States, this disease occurs as often as heart disease, clinical depression or alcoholism. Summing up we can say, two billion people – one-third of the world's population – use computers. Approximately two billion have access to broadband Internet. And twice as many people own mobile phones. "[5 p.26 27] In order to overcome this illness must be serious about your breath. This will help us to meditation. Kazakhstan scientists - philosophers also studied the problem of consciousness argue about the medicinal properties of meditation. One of them is Bulekbaev S.B.: "The healing effects of meditation (as shown by its use in the clinic) did not necessarily require to achieve a special state of consciousness: they appear not everyone and not every time meditating. The very practice of meditation is the movement towards better health, a more natural full life.And this concentrated daily focus on recovery necessarily affect. In other words, it is itself a meditation technique has a therapeutic effect. In other words, it leads to results similar to those psychologists, such a state can achieve a large concentration, the better development of material outside awakens sensory perception and other psychic phenomena. Other positive results of meditation, inter alia, are:

– calm of consciousness, emotions, body,

– improvement of the circulatory system,

– improve the functioning of the endocrine glands,

- rush of physical and mental strength.
- decrease in respiratory rate and deceleration.
- reduction of muscle tension.
- regulation and stimulation of metabolic processes.
- reduction in the use of oxygen.
- regulate the sleep cycle.
- normalization of pressure, aid in giving up bad habits: smoking, alcohol and drug use, reduced tendency to psychosomatic diseases, etc. "[6. c.187-188]

Another solution proposed by the American mentality is a digital diet. The American mentality is logical intuitive extrovert. Well he sees the possibility of new cases. He knows how to turn things around so that it has brought tangible benefits. Criticizing those involved, from their point of view, useless theories. Their funds tend to keep in the back, playing on the difference in price. Concentrate in their hands the main levers of material interest. Intuitively captures the main trends of the time. Not afraid to take risks, relying on their intuition. Always working ahead of the curve, because he knows that tomorrow will be too late. One of the first to take advantage of new technologies and organizational forms. The mind is constantly drawn to the past, analysis of past events, and extracting from them lessons for the future. Analyzing in time, trying to find the basic laws of fate. He is interested in unusual and mysterious phenomena. Attempts to test them, to find them a rationale. Optimist, not discouraged under any circumstances. Life turmoil it only harden, make more confident. They love to laugh, to amuse people. Come into contact, touching interlocutor humorous remark. Their humor often cunning - contains a hint of ambiguity. It is easy to go on a dare, especially when they are challenged. The argument is often ironic, ridicules the views of the opponent. Their irritability and temper often unpleasant to others.

Digital Diet concept, introduced by Daniel Seeberg in the eponymous book of, who is against depending on gadgets and other digital technologies. This book deals with the problems of everyday digital reality, which is increasingly enslaves man. The author proposes to think about what we print, and it illustrates our means "index of the virtual weight."

Our are occupied with digital technology is The basis of this index. David Seeberg does not criticize the use of digital technologies, as well as the aforementioned author Alex Suchzhon-Kim Pang, he tries to encourage citizens to harmonious co-existence in a virtual reality without compromising the physical and spiritual health. Therefore, the fact that from the existence of the trend of obesity in the United States, the author take care of a digital diet.

The ten rules of digital diet:

1. "Behave politely" The author asks to be polite, not only in relation with their loved ones, that is, to stay in contact with them without at the same time their gadgets, but also to be respectful to their technique.

2. "Live in the real world." There immet because of our publications in social networks as they are real in our lives. Can we say openly not only in the virtual digital space, and those whom we see in reality?

3. "Ask yourself if you really need this gadget." Of course, today we are invited to a huge amount of gadgets and need to think about the teasibility of this purchase.

4. "Use technical support." By using technology, we need a guide to navigate the new space and effectively spend time at the computer.

5. "Take regular detoxification." It should be once a month to organize the days without the use of gadgets and spend the day with your family.

6. "Take away the device to sleep." After a full day of use gadgets offered by the author to remove the phone in another room.

7. "Or a person or device." Try to choose the people rather than technology. Take time to their loved ones.

8. Remember the principle "if – then" being in the virtual space you will fall out of the real.

9. Organize your digital day. It should be as clear as possible to organize their work in a virtual space, using digital technology.

10. Trust your instincts. If you feel that you are spending a lot of time on the Internet, close it enjoy a business. [7]

It can be concluded the author offers us the well balanced use of online technologies, and effective work with digital technologies, and how to

exist in harmony with their gadgets. Digital Diet serves as the stabilizer in this case. Education is already a dynamic and creative process, which is not applicable requires consideration of many factors, such as the mentality in the modern digital age.

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