



- valeological (related to their and their kin health, habits, healthy lifestyles, proper nutrition);
- environmental (relationship to nature, participation in environmental protection, conservation ecology of native villages).

The survey revealed a high level of formation of ecological culture in high school, particularly within the students who majoring in Biology. Average level of values obtained within other groups of high school students. It was noted the active involvement in environmental protection activities and their health care. The senior students under the guidance of V. M. Smirnova – a teacher of Biology, were involved into a variety of activities, including implementation of environmental projects.

The results helped to make the general model of ecological culture, which includes the following components: personal qualities that contribute to the formation of ecological culture; individual experience; environmental knowledge and skills in practical activities; criteria of environmental culture; technology organizational and educational activities; pedagogical approaches of the model: axiological, active, complex, personal [2].

Based on the above mentioned, the model of ecological culture of schools of Reshetylivskyy district was suggested, which includes aspects, components, parts and levels of ecological culture. The teamwork of teachers and parents determines the effectiveness of the methods of students' ecological culture.

Therefore, the suggested system of methods has had certain educational effects in a variety of ecologically based activities.

REFERENCES

1. Андреева Н. А. Теория и методика обучения экологии / Н. А. Андреева, В. П. Соломин, Т. В. Васильева – М : Академия, 2009. – 208 с.
2. Пушкарьова Т. О. Методи формування екологічної культури у навчально-виховному процесі / Т.О. Пушкарьова, О. В. Король / Світ виховання. – 2006. – № 1. – С. 19–22.

Ірина Борщенко

THE POINT OF THE FENOMENON ON INTERNET DEPENDENCE AND ITS SYMPTOMS

Rapid development of modern information technologies causes the emergence of a new problem for our society – dependence on Internet.

The term “Internet dependence” first was suggested by the American doctor Ivan Goldberg some years ago. By this term he understood – “Irresistible attraction to the Internet that is characterized by harmful



influence on social, educational, working, family, financial spheres of the activity. According to the degree of deviation from reality such kind of addiction reminds inclination for drugs, alcohol, heat games. According to different researchers Internet - dependents are nearly 6–10 % (percent) of Western users and 2–6 % of Russian and Ukrainian users among them more than 70 % are students [5].

The dependence on world net behaviorally turned out in fact that people prefer life in Internet so that actually they begin to refuse their “real life” spending eighteen hours a day in virtual reality and no less than hundreds hours weekly [1, p. 32].

Internet dependence is not determined as chemical dependence so it does not ruin the organism. If the formation of traditional types of dependence require years then this term is extremely shortened for this addiction. According to Karen Young 25% of independents acquired such habit during half a year after beginning the work in the Internet, 58 % during the second term and 17 % soon after the end of the year. Besides if long-term consequences of alcohol and drug dependence are well researched then the possibility of long – term observation of Internet addiction is absent [3, p. 36 – 43].

The term “Internet dependence” is often characterized very widely and means a large number of behavior problems and control of inclination. The main five types that were distinguished in the research process are characterized in such a way (all these five types are spread among students and some of them may not exist in other “age” groups):

1. Ciber-sexual dependence – is irresistible inclination to attend pornosites, discussion of sexual topics in charts or special TV conferences “for adults”, etc (the first are men in these types).

2. The passion to virtual communication and virtual acquaintances – the excessive number of familiar and friends in the net, a large number of correspondence, constant participation in forums, charts, etc (the first are women).

3. Fixed financial need in net – game on the online games (as heat as role), constant shopping or participation in the Internet-auctions.

4. Web-surfing – endless travels through information search net on data base and search sites.

5. Computer dependence – is a fixed game in computer games (Doom, Quake, Unreal, Star Craft, and other) or programming and other kinds of computer activity in net [4, p. 48–49].

Nowadays there is no psychological or psychiatric diagnosis of “Internet” or “computer” dependence. None of these categories be-



came the last version of “Diagnostic and statistic textbook of mental disorders” (DSM – IV), that determines standards of classification of mental diseases types. The time will show if these types of dependence will be included in this textbook. There is an idea if Internet addiction is soon admitted as the disease (for example so called “ciber discord”) the number of suffering from it will be perceptibly less than it is imagined now [2, p. 75].

So following the enumerated above features of the Internet dependence we can judge, about our own dependence or availability on such with our familiars. Psycho-physician experience shows if a person recognizes the availability on this or that type of dependence in himself, if this addiction is on bad things or Internet, she (he) tries to manage with it himself or with the help of specialists (psychiatrists, anesthetists, psychophysicists or psychologists).

REFERENCES

1. Бурова В. В. Социально-психологические аспекты Интернет-зависимости / В. В. Бурова – М. : Академия, 2001. – 232 с.
2. Войсунский А. Е. Психологические исследования феномена Интернет-аддикции / А. Е. Войсунский – М. : ВЛАДОС, 2000. – 275 с.
3. Янг К. С. Діагноз – Інтернет-залежність / К. С. Янг // Світ Інтернету. – 2000. – № 2. – С. 36–43.
4. Kimberly S. Young. Internet Addiction: Symptoms, Evaluation and Treatment / S. Kimberly. – Pittsburgh : University of Pittsburgh at Bradford, 1999. – С. 48–49.
5. Virtual-addiction [Електронний ресурс]. – Режим доступу : <http://www.virtual-addiction.com>.

Володимир Варич

SYMMETRIC REDUCTION OF MONGE-AMPERE EQUATION

The issue of symmetric reduction of Monge-Ampere equation is of special attention for mathematicians, that is why it was interesting for us to treat it and to interpret the achieved results in the form of a scientific text in English. The matter is that nowadays knowledge of foreign languages is especially important for the generation of modern scientists and investigators. The reason of this lies in the existence of wider opportunities for scientific study and international discussion of any important theoretical or practical point. The attempt of writing a scientific mathematical article can be successful not only in case a person has good knowledge of foreign language. The one should to be more or less competent in peculiarities of using different language