- 7. Oxford Dictionary. Retrieved from https://www.oxfordlearnersdictionaries.com/
- 8. Rozaklis L. English Grammar for the utterly Confused / Rozaklis L. Mc Graw Hill Companies, 2003. 258 p.
- 9. Shevchuk S. V. Ukrainska mova za profesiinym spriamuvanniam / Shevchuk S. V., Klymenko I. V. / Alerta, 2012. 696 p.

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ARTIFICIAL INTELLIGENCE AS A POTENTIAL DEVIATION FACTOR DUE TO ITS WIDESPREAD APPLICATION

In modern conditions, the factor of the latest technologies and related phenomena is potentially a rather significant element of the subject's perception of the state of human existence and an element of the social spectrum (in a dynamically changing, technologically loaded environment). In this context, the field (and more broadly, the direction) of human information and technological environment emerges as quite significant, especially in terms of constant interaction.

However, the phenomenon of the problem of intelligence and its representation within the technical spectrum (as one of the elements, or more broadly, tools in the context of human existence) is currently considered a rather contemporary issue. The phenomenon of the problem is quite complex, but in this context, the element of delineating the phenomenon of intelligence and its relationship with tools within the technical spectrum, collectively referred to as "artificial intelligence," is of greater interest.

Artificial intelligence emerges as a significant element in the contemporary social environment, as it represents a substantial and potentially beneficial aspect of incorporating instrumental character into the context of human existence. It also entails a tendency to increase its role. In such a context, the issue of the functioning of the relationship between deviation and the problematics of artificial intelligence arises.

Possible changes in the nature of formation and some features of manifestation and the potential significance, which is currently seen as growing, of deviance as a socio-psychological phenomenon and artificial intelligence as an interface software and hardware complex that is increasingly integrated into the life of the individual. This can be defined by different circles of the social environment as such. However, as this instrumental mechanism improves life in some aspects, its potential has not yet been fully realised, and in the near future it may give rise to new features that are difficult to predict. However, it is difficult to isolate the problem of detecting deviations with the correlation of features formed by the technological trend and the development of artificial intelligence, since one of the main reasons is the element of active formation of this phenomenon, i.e. this element is formed as an element built into most areas of life and the correlation of its impact on humans is just beginning to manifest itself, which can be identified in an evidential scientific sense in the future, within the framework of interdisciplinary research, by a number of sciences, primarily of a socio-behavioural orientation.

The subsequent question arises: How much can artificial intelligence impact the tangible expression of an individual's behavior and the display of their personal and individual traits within the context of deviation formation in both individual and group settings? Here, the following factor is outlined that is related to the formation of the phenomenon of artificial intelligence, since the element does not emerge as a complete and fully ready instrument of instrumental meaning for a person, but it is only beginning its way of implementation in human life.

It is quite difficult to outline the problematic of the deviation phenomenon through the prism of artificial intelligence alone, since deviation has a multifactorial source and a mixed genesis of formation and development, so it is difficult to single out the leading role and the phenomenon of the element of deviation formation through the prism of artificial intelligence alone.

Since the massive spread of artificial intelligence is gradual, and mechanisms for its processing and formation are being developed, it can be noted in this context that it is premature to identify the relationship between these factors. However, artificial intelligence, due to its gradual integration into the labour and social environment, can potentially lead to its establishment and prevalence as an element of the social spectrum, which can become one of the factors in the context of external influence and the formation of deviance as such.

Such synergy in the interaction between social (changes in many areas of social life), technological (non-networked software systems with generative capabilities, such as generative artificial intelligence with a natural verbal interaction interface), and the values of modern society (transhumanism, gender neutrality,

technocracy, emancipation, inclusiveness, etc.) can give rise to both new forms of deviance and, potentially, alter the manifestations of existing forms of deviance.

REFERENCES

- 1. Дерев'янко С. П. Штучний інтелект та емоційний штучний інтелект як феномени сучасної когнітивної психології / С. П. Дерев'янко, Ю. В. Примак, І. М. Ющенко // Наукові записки Національного університету "Острозька академія". Серія : Психологія. 2020. Вип. 11. С. 115-119. Режим доступу: http://nbuv.gov.ua/UJRN/Nznuoapp_2020_11_21.
- 2. Токарева В. О. Щодо питання творчості та штучного інтелекту / В. О. Токарева // Прикарпатський юридичний вісник. 2018. Вип. 1. С. 55-58. Режим доступу: http://nbuv.gov.ua/UJRN/Pjuv_2018_1_15.
- Тиньков О. М. Роль штучного інтелекту в процесі психологічної деформації особистості / О. М. Тиньков, О. В. Долгополова, К. М. Фаворова // Габітус. 2021. Вип. 29. С. 110-114. Режим доступу: http://nbuv.gov.ua/UJRN/habit_2021_29_20.
- 4. Токарева В. О. Обчислювальна творчість (щодо питання творчості штучного інтелекту) / В. О. Токарева // Часопис цивілістики. 2018. Вип. 30. С. 38-42. Режим доступу: http://nbuv.gov.ua/UJRN/Chac_2018_30_10.
- 5. Breazeal C. L. Designing sociable robots. Cambridge, London: MIT press, 2004. 282 p.
- 6. Cominelli L. SEAI: Social Emotional Artificial Intelligence based on Damasio's Theory of Mind. *Frontiers in robotics and AI*. 2018. Vol. 5. № 6. P. 1–20.
- Schuller D., Schuller B. The age of artificial emotional intelligence. *Computer*. 2018. Vol. 51. № 9. P. 38–46.

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AI RESOURCES FOR TEACHING, STUDY AND RESEARCH

Artificial Intelligence (AI) has emerged as an indispensable ally within the dynamic landscape of education and research, reshaping the way knowledge is acquired and investigations are conducted. The proliferation of AI tools tailored to diverse needs has ushered in a revolutionary era in the academic sphere, offering a comprehensive range of capabilities, including writing assistance, citation generation, grammar checking, paraphrasing, and presentation creation.

1. Wordtune [7], a potent AI tool, plays an important role in refining language expression, suggesting alternative vocabulary, and ensuring content clarity and engagement. It serves as an adaptive writing companion, tailoring each piece of content to the unique style of the user. The free plan has the daily limit of requests.

2. Grammarly [3], a widely embraced grammar checker, transcends conventional grammar-checking tools. Employing advanced algorithms, it analyzes writing styles