

Problems of determining anthropocultural complexity

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The article discusses the study of anthropo-cultural complexity phenomenon, shows its features and problems of definition. The concepts of complexity are substantiated not only by the study of natural objects and cognitive states, but also by the culture itself. Characteristics of complexity, formed in the framework of natural and technical sciences, must be supplemented with ideas of humanitarian complexity. The logic of complexity cognition has to consider not only the cognition of nature (presented in modern sciences about complexity), but also the fact that its conceptualization is possible only due to a certain level of development of the culture itself. The ideas about the complexity of nature — natural complexity — are dialectically related to artificial complexity — the experience of complexity in culture. A person assimilates and practices complexity long before its conceptual understanding. The specific character of anthropo-cultural complexity is indicated on the basis of such cultural phenomena as myth, language and art.

Keywords: *anthropo-cultural reality, humanitarian theory of complexity, culture, complexity sciences, simplicity, complexity, complication, philosophy, man*

REFERENCES

- [1] Morin E. *La méthode. T. 1: La nature de la nature*. Paris, Éditions du Seuil Publ., 1977 [In Russ.: Morin E. *Metod. Priroda Prirody*. Moscow, Progress-Traditsiya Publ., 2005, 464 p.].
- [2] Mauss M. Les techniques du corps. In: Mauss M. *Sociologie et anthropologie*. 2d ed. Paris, Presses Universitaires de France Publ., 1960, pp. 363–386 [In Russ.: Mauss M. *Tekhniki tela*. In: *Obshchestva. Obmen. Lichnost. Trud po sotsialnoy antropologii*. Moscow, KDU Publ., 2011, pp. 304–322].
- [3] Mauss M. Effect physique chez l'individu de l'idée de mort suggérée par la collectivité. In: Mauss M. *Sociologie et anthropologie*. 2d ed. Paris, Presses Universitaires de France Publ., 1960, pp. 311–330 [In Russ.: Mauss M. *Fizicheskoe vozdeystvie na individa kollektivno vnushennoy mysli o smerti*. In: *Obshchestva. Obmen. Lichnost. Trud po sotsialnoy antropologii*. Moscow, KDU Publ., 2011, pp. 286–303].
- [4] Bogataya L.N. *Integrativna Antropologiya — Integrative Anthropology*, 2016, no. 2 (28), pp. 4–9.
- [5] Opolev P.V. *Idei i idealy — Ideas and ideals*, 2016, vol. 2, no. 3 (29), pp. 20–27.
- [6] Zekrist R.I. *Vestnik "ØRLEU" — KST (Journal of "ØPJEV" — KST)*, 2017, no. 3 (17), pp. 7–12.
- [7] Porshnev B.F. *O nachale chelovecheskoy istorii (Problemy paleopsihologii)* [On the beginning of human history (Paleopsikhologiya problems)]. Moscow, Mysl Publ., 1974, 487 p.
- [8] Leonov A.M. *Epistemologiya slozhnosti v kontekste komputernykh nauk*. Diss. dokt. filos. nauk [Epistemology of complexity in the context of computer sciences. Dr. phylos. sc. diss.]. Yakutsk, 2006, 356 p.
- [9] Losev A.F. *Antichnaya mifologiya v ee istoricheskom razviti* [Ancient mythology in its historical development]. Moscow, Uchpedgiz Publ., 1957, 620 p.
- [10] Nizhnikov S.A. *Drevnegrecheskaya metafizika: genezis i klassika* [Ancient Greek metaphysics: genesis and classics]. Moscow, Infra-M Publ., 2016, 216 p.

- [11] Slater L. *Opening Skinner's Box*. W.W. Norton & Company Publ., 2004 [In Russ.: Slater L. Otkryt' yaschik Skinnera. Moscow, ACT, Khramitel Publ., 2007, 317 p.
- [12] Malinovsky B. Mif v primitivnoy psikhologii [Myth in primitive psychology]. In: *Antologiya issledovaniy kul'tury. Otrazhenie kul'tury* [Anthology of cultural studies. The reflection of culture]. St. Petersburg, Tsentr gumanitarnykh initsiativ Publ., 2011, pp. 45–95.
- [13] Meletinsky E. M. *Poetika mifa* [Myth poetics]. Moscow, RAN «Vostochnaya literatura» Publ., 2000, 407 p.
- [14] Whorf B.L. *Language, Thought and Reality*, Cambridge, Massachusetts, The M.I.T. Publ., 1956 [In Russ.: Jazyk, myshlenie, deystvitelnost. In: *Antologiya issledovaniy kul'tury. Otrazhenie kul'tury*. St. Petersburg, Tsentr gumanitarnykh initsiativ, 2011, pp.196–226].
- [15] Malinovsky A.A. *Tektologiya. Teoriya sistem. Teoreticheskaya biologiya* [Teknology. Theory of systems. Theoretical biology]. Moscow, URSS editorial Publ., 2000, 448 p.
- [16] Lorenz K. Z. Kant's doctrine of the a priori in the light of contemporary biology. In: Evans R.I. *Konrad Lorenz: The man and his ideas*. New York, Harcourt Brace Jovanovich Publ., 1975 [In Russ.: Lorenz K. Z. Kantovskaya konceptsiya apriori v svete sovremennoy biologii. In: *Evolutsionnaya epistemologiya. Antologiya* [Evolutionary epistemology. Anthology]. Moscow, Tsentr gumanitarnykh initsiativ, 2012, pp. 43–75].
- [17] Lorenz K. Z. *Behind the Mirror*. London, Methuen Publ., 1977, 261 p. [In Russ.: Lorenz K. Z. Po tu storonu zerkala biologii. In: *Evolutsionnaya epistemologiya. Antologiya* [Evolutionary epistemology. Anthology]. Moscow, Tsentr gumanitarnykh initsiativ, 2012, pp. 76–110].
- [18] Spengler O. *The Decline of the West*. New York, Oxford UP Publ., 1991 [In Russ.: Spengler O. Zakat Evropy. Ocherki morfologii mirovoy istorii. Moscow, Mysl Publ., 1998, 663 p.].
- [19] Kulikova M.V. Chelovek i priroda: v poiskakh ekologicheskoy etiki [Man and nature: in search of ecological ethics]. In: *Nauka i Tsennosti* [Science and values]. Novosibirsk, Nauka Publ., 1987, pp. 206–224.
- [20] Hoiyer H. *Language in culture*. Chicago, University of Chicago Press Publ., 1954, 286 p. [In Russ.: Hoiyer H. Sootnoshenie yazyka i kul'tury. In: *Antologiya issledovaniy kul'tury. Otrazhenie kul'tury* [Anthology of researches of culture. Reflection of culture]. St. Petersburg, Centr gumanitarnykh initsiativ, 2011, 7–44 p.].
- [21] Lotman Ju. M. Struktura hudozhestvennogo teksta [The structure of the artistic text]. In: *Ob iskusstve* [About art]. St. Petersburg, Iskusstvo – SPB Publ., 1998. pp. 14–285.
- [22] Morin E. *Nature Sciences Sociétés*, 1996, no. 3, pp. 250–257.
- [23] Morin E. *La Besoin d'une pensée complexe. Représentation et Complexité*. Paris, UNESCO-ISSC-EDUCAM Publ., 1997, pp. 89–93.

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