

# Synergetic concept of a highly qualified athlete's socioculturization (in the issue raising order)

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**Abstract.** The description and algorithmic representation of the highly qualified athlete's synergetic concept, studying at a University of physical culture, socioculturization is presented in the article. Special attention is paid to the psychological and pedagogical foundations of an individual athlete, aspiring to individual leadership in the chosen sport value potential formation.

## 1 Introduction

Our research is based on the contradiction between the new, higher requirements imposed on highly qualified athletes seeking sole leadership in their chosen sport, and their existing knowledge reserves (and the level of skills formation). This assumes that the conflict is a driving force only when there is the University teachers' purposeful activity, in which the mentioned category of students is allocated to a specific group carried out at the University of physical culture scientific research activities with the involvement of specialists in the sports-pedagogical education sphere of the highest level.

## 2 Materials and methods

The methodological aspect of the research is related to the study of students' mental actions. This refers to the psychological and pedagogical foundations of socio-culturisation. Within this framework, we have identified psychodiagnostic and empirical methods, as well as biochemical, experimental and organizational research ones. All of them are related to sports and educational activities. The abstract-deductive approach, defining the essence of a highly qualified athlete's synergetic concept of socio-culturization is a generalizing one.

## 3 Results and discussion

Basis of research is «synergetic concept» of socio-culturisation, determined by the set of educational methods and approaches, tailored to the elite athletes' enrolled in the University of physical culture-specific training schedules, allowing them to combine education and professional activity in «world of sport», needs and perceptions. The essence of such a synergistic approach main elements can be judged by the following algorithm (Figure 1). It highlights a number of blocks. They will be discussed below.

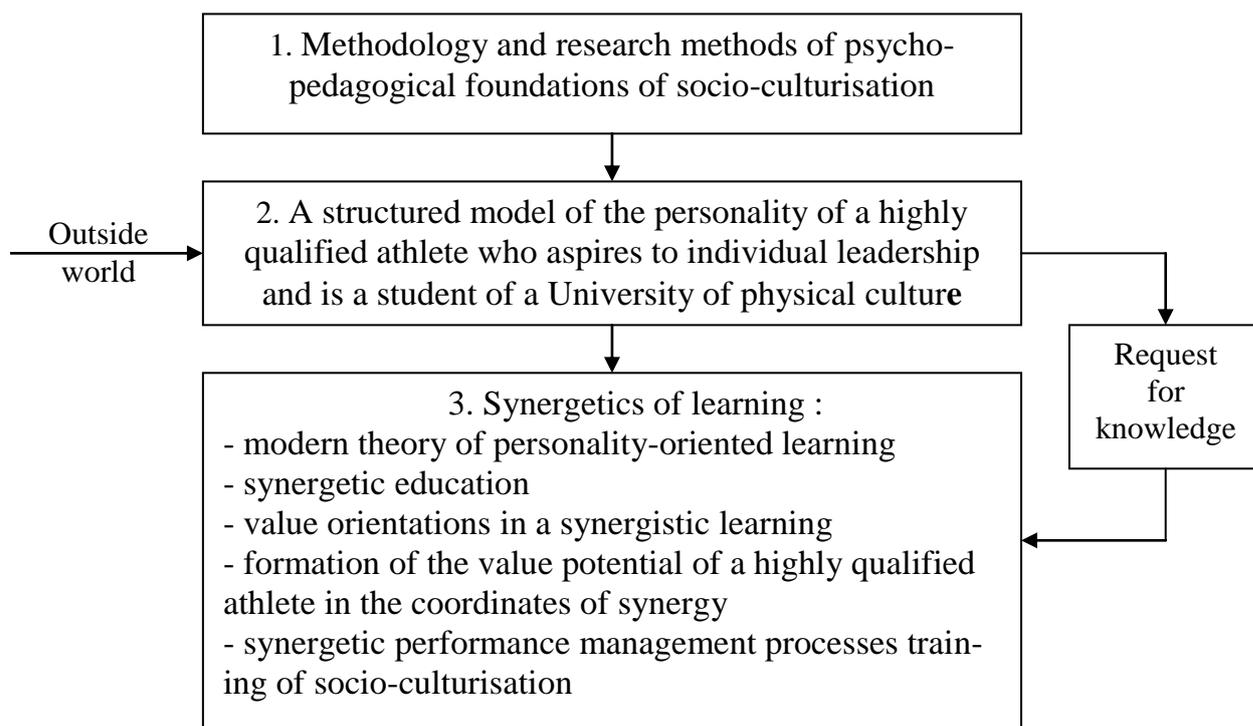
A structured model of a highly qualified athlete's (a student of a University of physical culture) personality. The external world in relation to the athlete is the biological environment surrounding him/her. The inner world built in the mind is closely related to professional sports and the demand for knowledge and (from these positions) is caused by the contradiction between the current state and the desired one, which he/she claims from the position of sole leadership in the chosen sport.

An exceptional role in the learning process belongs to the teacher. He has a lot of knowledge and knows how to acquire and transfer it. A special role has a synergetic concept of socio-culturisation.

The main areas of research in this sphere are related to: dialectics in psychological and pedagogical generalizations; critical ontology (the speculative doctrine of hypersensitive intuition); the theory of emergent evolution (processes of change based on socio-cultural genes of self-development).

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**Fig. 1.** Algorithmic representation of the synergetic concept of socio-culturisation

Here it is also important to point out R. Sternberg's implicit theory of giftedness. It is directly related to highly qualified athletes, striving for sole leadership in their chosen sport. According to this theory, the identification of this talent in professional sports is determined by the criteria of excellence, rarity, productivity, demonstrativeness, and value in a socio-cultural context. To these, you can confidently add a leadership behavior style focused on professional success.

Synergetics of training at the University of physical culture. First of all, we will point out the features of the modern theory of personal training at the University of physical culture. Its basis is determined by the following didactic provisions: educational and cognitive activity, its goals, patterns and principles of training, methods and forms of its organization. The key concept is also active and purposeful «interaction» in the mini-level system: «coach – (teacher) - athlete (student)». This kind of interaction is innovative, based on the synergistic model of a professional athlete, striving for individual leadership and motivated to social and cultural development.

Synergetic education is the next aspect of the considered block in our research. It provides for the more effective and rapid uptake of the basics of socio-culturisation. This means learning to think and use the acquired knowledge in the athlete's own pursuit of excellence in his/her individual leadership direction. In other words, the question is about adapting the acquired knowledge to a specific activity. Synergetics in this regard is determined by the phenomenon of diversity, the theory of supercomplexity, and the socio-humanitarian paradigm (Yu. N. Belokopytov).

Value orientations in synergistic learning. Such orientations also play an important role in our conceptual research. Moreover, they will be discussed below. Value orientations in synergistic training are of paramount importance in an athlete's, seeking sole leadership in a chosen sport, socioculturization. It is about them that we are talking when this particular athlete is studying at a University of physical culture.

It should be noted that not all athletes are going to achieve leadership in their sport. Many of them, having reached the title of Master of Sports, stop in their aspirations. But there are some of them that do not stop there. And it is about such athletes our research is concerned, as well as about the role played by the University of physical culture, its teaching staff.

All this indicates that the task we set is not simple, requiring in-depth research from the point of view of the question of «value orientations in synergetic learning».

A highly qualified athlete's value potential formation in the synergy coordinates. The methodological basis of their research in this direction is the works of N. Berdyayev, A. Kir'yakova, F. Fayzullin and T. Letayeva [2,4,5,6,7,8,11].

Special emphasis is placed on the athletes', studying at the University of physical culture, utilitarian-pragmatic paradigm of personal education modern assessment importance. Research in this area is conducted at the intersection of sciences (philosophy, economics, psychology, pedagogy, cultural studies).

The essential characteristics of this paradigm are determined by a critical assessment: the separation of the educational system from the «world of sports» and the abstract nature of training at a physical culture University; a

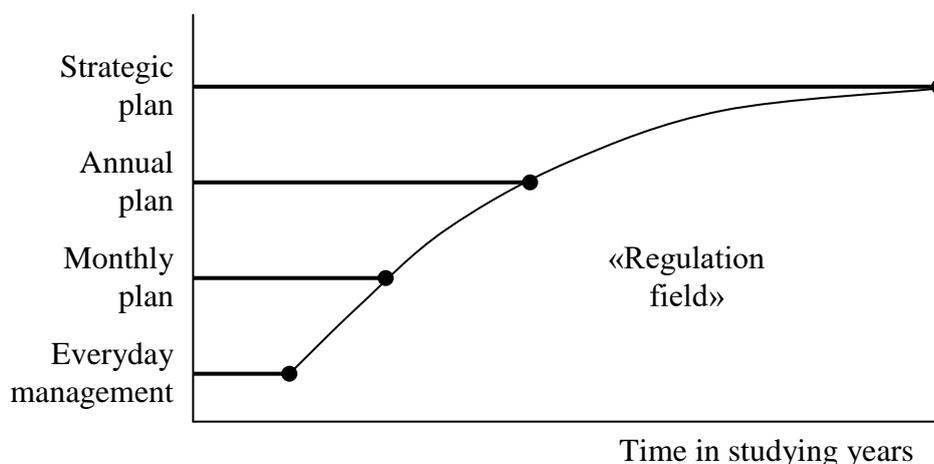
highly qualified athlete's personal significance in achieving his/her goals on the way to sole leadership. The highest value in the framework of this paradigm is (in relation to our study) a synergetic approach to the University of physical culture role true value in the development of high performance sport and sport management's value potential formation (coach, University teacher of physical culture).

This paradigm is most representative in the principle of «stimulus determines response», and more specifically, the student is like a torch that needs to be lit, or a vessel that needs to be filled. At the same time, the essence of relations in the «teacher-student» system is a joint movement towards the truth knowledge. The idea of introducing a future sports manager's personality to the activity is also important here (the principle of relativism, according to which the personality itself is declared an independent value – therefore, it is recognized as the right to activity and initiative). And this, in turn, imposes special requirements on those (from the teaching staff at the University of physical culture) who are directly related to the psychological and pedagogical foundations of socio-culturisation.

A synergetic performance management processes for socio-culturisation training. From the positions marked are the following management processes:

- the process of determining learning socio-culturisation outcomes (working out action course from persons concerned highlighting the most effective ideas; the definition of general objectives, strategies, essential issues and objectives for the implementation of the particular skilled athlete aspirations to individual leadership; inclusion in educational process and the achievement of key outcomes (goals and aspirations);
- the process of situational management (taking into account significant external and internal factors of the situational plan); methods and technology for managing educational and pedagogical activities; management styles and the impact of socio-culturisation at the mini-level of training, taking into account creativity in achieving goals);
- the process of monitoring results. It includes measures to integrate the latter into the planned activities of persons concerned;
- regulatory process. Its «field» is quite wide in time aspect (Figure 2).

As a generalization, we note that in modern conditions we are talking about personal development of physical culture and sports education. Development should be understood as «the deepening of the spirit in him/herself», the strict subordination of a person to the objective universal [3,9,10,11,12]. In this case, a person is understood as a highly qualified athlete, developing in a University of physical culture in the context of real life activities in the «world of sports».



**Fig. 2.** The process of regulating educational and cognitive activity in a highly qualified athlete's in a physical education University developed plans for the socio-cultural development coordinates

A special role in it is played by facilitation, designed to facilitate, help and anticipate [12]. Its real embodiment in practice is a teacher's, a facilitator's activity. That is, a person who is designed to stimulate his students' tendency to personal growth.

## 4 Conclusions

1. Socio-culturisation is understood as all the main things that determine the value potential formation of a highly qualified athlete who aspires to individual leadership personality. This means: the utilitarian-pragmatic educational paradigm, an athlete's professional training modern concepts (and, above all, the synergetic concept of organizing personally-oriented educational and cognitive activities in the University of physical culture).

2. The focus of the work is on the psychological and pedagogical principles of value potential forming of a highly qualified athlete's personality in a higher education institution and the main approaches used in this process. These are: competence-based, interdisciplinary, system-based, personal-development and value-based approaches.

3. As the research methodological basis, a psychological and pedagogical approach to personal development ways substantiating and its activity in the field of sports and pedagogical activity is adopted. The value potential

formation was studied from associative-reflex and step-by-step activity theory standpoint within the University of physical culture. The mental actions formation in the research process was given a crucial role (from the point of view of the actions stages transition from the external to the internal plan).

4. From the point of view of the issue of the individual athlete's studying at the University of physical culture value potential formation, it is important for the teacher to have a reflexive culture. According to the results of the study its important components are as follows: axiological, managerial-regulatory, cognitive and processual-technological. It is thanks to them that a person's consciousness and self-awareness issues, developing at the University of physical culture are updated.

5. The most important criterion of the University of physical culture future graduate's personality development is the socio-culturation degree. The value potential of the latter is organically connected with the formation of a competitive personality that successfully functions and strives for sole leadership in the chosen type of activity.

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