



Theoretical modeling of assessment of professional skills of athletes

UDC 159.99:076



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Abstract

Objective of the study was to develop a theoretical model for assessing the level of professional skills of athletes.

Methods and structure of the study. On the basis of theoretical analysis, synthesis, expert evaluation and modeling, criteria, indicators, indicators for assessing the level of professional skill of athletes were identified, which made it possible to develop a theoretical model for assessing the level of professional skill of athletes, consisting of target, technological, procedural and resultant components.

Results and conclusions. In the course of the theoretical analysis, it was determined that the professional skill of an athlete is an integral indicator that includes the highest level of mastered professional skills in the field of sports, efficiency and reliability, responsibility, emotional stability, special abilities, self-realization of an athlete and includes the highest qualification. Given these indicators, the theoretical model for assessing the professional skills of athletes includes the following components: target, technological, procedural and resultative.

Keywords: professional excellence, skill assessment, target component, technological component, procedural component, resultant component.

Introduction. The main goal of elite sport is the demonstration by athletes of high sports results. Sports activities are associated with the evaluation of the results of sports achievements, the analysis of the development of an athlete and the level of his preparedness. Modern sport is at such a stage of development that the level of preparedness of the strongest athletes practically does not differ, which makes it difficult to assess their professional skills.

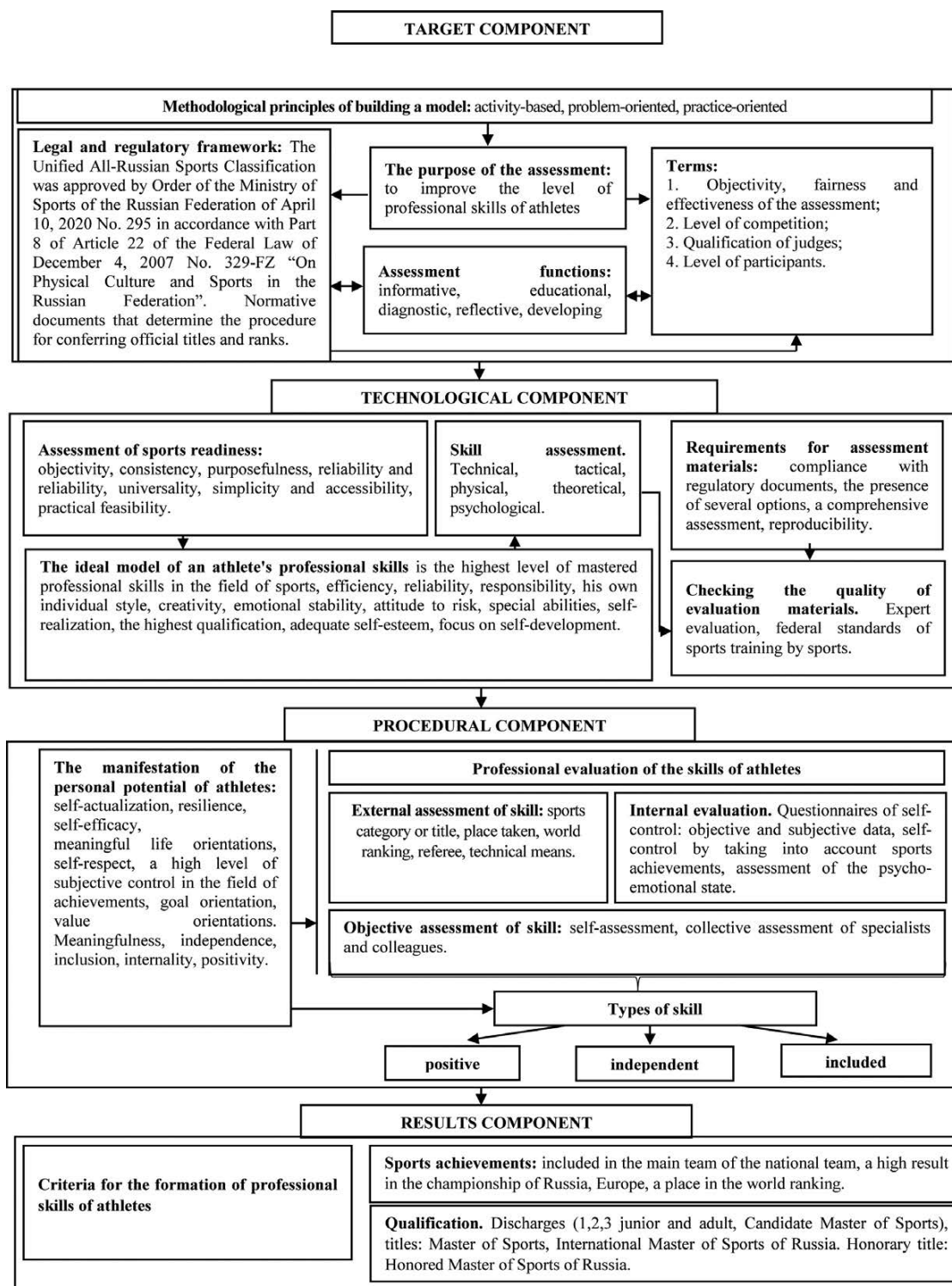
The professional skill of an athlete "cannot be assessed by one indicator, its full characterization requires a multilateral approach" [9], since obtaining information about the athlete and various indicators of professional skill is carried out using a comprehensive assessment or comprehensive control, which allows determining the level of the athlete's preparedness and contributes to management of the process of his sports improvement [1, 10].

Objective of the study was to develop a theoretical model for assessing the level of professional skills of athletes.

Methods and structure of the study. Currently, scientists identify various indicators for assessing the professional level of athletes, forming the so-called "ideal model of skill":

- V.E. Milman developed a questionnaire for assessing mental reliability, by which he understood the stability of the functioning of the main mental mechanisms in difficult competitive conditions, which consists of a set of indicators of the components: competitive emotional stability, self-regulation, motivational-energy component, stability and noise immunity [3];

- Yu.I. Smirnov, when evaluating the competitive reliability, took into account such indicators as the coefficient of motor performance and the coefficient of readiness, indicators of error-freeness, recoverability and timeliness [8];



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- V.G. Nikitushkin and F.P. Suslov evaluates the effectiveness of an athlete in martial arts by the coefficient of reliability of attacking and defensive actions, as well as by the activity of technical and tactical actions [5];
- S.V. Pavlov developed a methodology for assessing the technical and tactical readiness of taekwondo athletes in competitive fights. Determining the level of technical readiness is carried out through an assess-

- ment of the effectiveness of technical actions performed by an athlete during a fight. The level of tactical preparedness through the assessment of actions that contribute to the implementation and restructuring of the conduct of combat, as well as situational and preparatory tactical actions [7];
- A.M. Ovechkin, using the methodology for assessing the technical and tactical readiness of hockey



players, calculated the average complexity of using technical and tactical actions per game or training session [6];

- E.V. Melnik and E.V. Silich revealed an expert assessment of the success of sports activities, which takes into account many indicators that reflect the subjective and objective aspects of sports activities, as well as a latent assessment, which is calculated taking into account judges' ratings, difficulty coefficient and grade coefficient [2];

- I.Yu. Mihuta, P. Sun and Y. Liu revealed an integral assessment of the degree of readiness and readiness of an athlete for competitive activity, represented by the following blocks: control of competitive activity; pedagogical control; psychological and psychophysiological control; morphofunctional control; biomechanical control [4].

Results of the study and their discussion. In the course of the theoretical analysis, it was determined that the professional skill of an athlete is an integral indicator that includes the highest level of mastered professional skills in the field of sports, efficiency and reliability, responsibility, emotional stability, special abilities, self-realization of an athlete and includes the highest qualification [eleven]. Considering these indicators, we have developed a theoretical model for assessing the professional skills of athletes (see figure).

We consider it important to note the need to highlight the target, technological, procedural and resultative components in the theoretical model for assessing the professional skills of athletes.

The target component is based on the methodological principles of building a model: activity, problem-oriented and practice-oriented and is based on the legal framework, includes the goal, functions and conditions for assessing the athlete's professional skills.

The technological component includes an assessment of sports readiness and focuses on the ideal model of an athlete, skill assessments, requirements for assessment materials and is implemented through checking the properties of assessment materials.

The procedural component takes into account the manifestations of the athlete's personal potential, professional assessment of the athlete's skill, includes both external, internal and objective assessment, which makes it possible for us to attribute the athlete to one of the selected types of professional skill.

The effective component reflects the criteria for the formation of professional skills of athletes and neces-

sarily takes into account sports achievements and the level of sports qualifications.

Conclusions. The evaluation of an athlete's professional skills is a complex indicator that includes evaluation of the procedure and results of sports activities.

The introduction of an athlete's professional skill assessment sheet into sports activity, which reflects the procedural and performance components, can significantly expand diagnostic capabilities in assessing the preparedness of athletes and outline new approaches to improving their professional skills.

When evaluating the professional skills of athletes, it is important to take into account objective and reliable qualification characteristics, professional skills and abilities of athletes.

References

1. Konyakhina G.P. Kompleksnyy kontrol v sporte [Comprehensive control in sports]. Teaching aid. Chelyabinsk: Uralskaya akademiya publ., 2020. 71 p.
2. Melnik E.V., Silich E.V. Ekspertnaya otsenka uspekhov sportivnoy deyatel'nosti (na primere slozhnokoordinatsionnykh vidov sporta) [Expert assessment of the success of sports activities (on the example of complex coordination sports)]. Sportivnyy psikholog. 2010. No. 3 (21). pp. 73-97.
3. Marishchuk V.L. et al. Metodiki psikhodiagnostiki v sporte [Methods of psychodiagnostics in sports]. Textbook for students. 2nd ed., rev., sup.. Moscow: Prosveshcheniye publ., 1990. 256 p.
4. Mihuta I.Yu., Song P., Liu I. Sovremennyy podkhod k integralnoy otsenke stepeni gotovnosti i podgotovlennosti sport-smena k sorevnovatel'noy deyatel'nosti [A modern approach to the integral assessment of the degree of readiness and readiness of an athlete for competitive activity]. Vestnik Belorusskogo gosudarstvennogo pedagogicheskogo universiteta. Seriya 1. Pedagogika. Psikhologiya. Filologiya. 2019. No. 2 (100). pp. 45-49.
5. Nikitushkin V.G., Suslov F.P. Sport vysshikh dostizheniy: teoriya i metodika [Sport of higher achievements: theory and methodology]. Study guide. Moscow: Sport publ., 2018. 320 p.
6. Ovechkin A.M. Metodika otsenki tekhniko-takticheskoy podgotovlennosti khokkeistov [Methodology of assessment of technical-tactical preparation of hockey players].



- odology for assessing the technical and tactical preparedness of hockey players]. *Fizicheskaya kultura: vospitaniye, obrazovaniye, trenirovka*. 2016. No. 4. p. 68.
7. Pavlov S.V. Metodika otsenki tekhnicheskoy i takticheskoy podgotovlennosti tkhekvondistov v sorevnovatelnykh poyedinkakh [Methodology for assessing the technical and tactical preparedness of taekwondo athletes in competitive fights]. *Fizicheskaya kultura: vospitaniye, obrazovaniye, trenirovka*. 2003. No. 2. pp. 56-60.
 8. Smirnov Yu.I., Zulaev I.I. Metody otsenki i kontrolya sorevnovatelnoy nadezhnosti sportsmena [Methods for assessing and monitoring the competitive reliability of an athlete]. Study guide. Malakhovka: MGAFK publ., 1995. 72 p.
 9. Suslov F.L., Shustin B.N., Sych V.L. [ed.] *Sovremennaya sistema sportivnoy podgotovki* [Modern system of sports training]. Moscow: Fizkultura i sport publ., 1995. 320 p.
 10. Fiskalov V.D., Cherkashin V.P. *Teoretiko-metodicheskiye aspekty praktiki sporta* [Theoretical and methodological aspects of sports practice]. Study guide. Moscow: Sport publ., 2016. 350 p.
 11. Kharitonova A.I. *Lichnostnyy potentsial sportsmenov kak determinanta professionalnogo masterstva* [Personal potential of athletes as a determinant of professional excellence]. PhD diss.: 19.00.03. Mytishchi, 2021. 206 p.