

EXTRAPOLATION OF THE MACHINE AND ITS EFFICIENCY IN DEVELOPING THE SKILL PERFORMANCE AND ACCURACY OF DRIBBLING IN YOUTH FOOTBALL

HalahAtiyah¹, MandoobMakkiAti², QayssarFaris Abdul Alhamayd³, Sabah QasimKhalaf⁴, Ahmed AmerAbdulhussein⁵, Mohammed JawadKadhim⁶, Denise KohChoonLian⁷, Ahmed HashimHamood⁸, YahyaFaris Mohsen⁹, GhadahMuayadShihab¹⁰

^{1,2,3,4,5,6,8,9,10} College of Physical Education and sports sciences, University of Baghdad, Iraq

^{1,7} Faculty of Education, UniversitiKebangsaan Malaysia

hala.s@cope.uobaghdad.edu.iqMandoob.m@cope.uobaghdad.edu.iqCaysar.f@cpoe.uobaghdad.edu.iqSabbah.Faiad@cope.uobaghdad.edu.iqAhmed.a@cope.uobaghdad.edu.iqDr.muhamed.juad@cope.uobaghdad.edu.iqdenise.koh@ukm.edu.myyahya.f@cope.uobaghdad.edu.iqdr.ghada@cope.uobaghdad.edu.iqp101122@siswa.ukm.edu.my

Abstract

Relying on modern work strategies, such as adopting scientific inductions, consolidates the information in the learner's memory, develops the skill work of the football player, and raises the efficiency of their motor abilities. From this standpoint, the researcher, who is a teacher at the University of Baghdad, College of Physical Education and Sports Sciences, and follows most of the sports club teams in youth football, believes that there must be From extrapolations through the machine and employing it in the field to serve the skill aspect and benefit from scientific technology in development and making it a useful tool to serve the sports field in football, as the goal of the research was the efficiency of machine extrapolation in developing the dialogue and its accuracy in football for juniors, and the researcher assumed the existence of a statistically significant correlation between the extrapolation relationship The machine and its efficiency in developing the skill and accuracy of dribbling in football for juniors. The research sample was players from the Husseiniya Youth and Sports Forum, the Algeria Youth and Sports Forum, and the Challenge Youth and Sports Forum. The approach was experimental in application, adopting statistical methods of percentages, the Pearson correlation coefficient, and the arithmetic mean. And the standard deviation to arrive at the results. The results were presented and discussed, and the most important conclusions were reached. There is a significant correlation between machine extrapolation and its efficiency in developing dribbling and accuracy in youth football, and it is recommended to adopt machine extrapolation and its ability and efficiency in developing the technical skills of dribbling in youth football, which enhances accuracy in Perform that skill.

Keywords: induction, development, accuracy, football dribbling

Introduction

One of the necessities of implementation is to follow methods that are based on and rely on information that is stored in an organized cognitive structure that is categorized in an orderly and gradual manner for a sequential work mechanism in a codified, scientific manner, the outputs of which are the encoding of information that will be the first work of the memory and reference to it at the time of implementation for skill performance in dealing with situations and variables of play and in an operational manner. Deep in sense and perception that leads to behavioral outcomes that serve the player in confronting and interpreting the various circumstances surrounding the variables of play, (Dr. Zina Abdul-Salam, 2020) and (Al-frejawi, A., & Adnan, 2023), meaning that the implementer of the skill has chosen Executing the task in a cognitive manner is evidenced by the player's finding the solutions stored in memory, and on the basis of them, appropriate decisions are processed and made from among a group of alternatives, in addition to modification and change in light of the circumstances and conditions of the task and situations during the match, (Ahmed Amer Abdul Hussein, 2020), so the researcher believes Identifying, selecting, and installing information for the player during the learning process must come with the adoption of strategies through which many abilities can be developed, including technical abilities, and employing them for the skill aspect, and analyzing the outcomes of skill work by developing a communication system between the information given to the player (Muhsen&Muhsen, 2020) and linking it and segmenting its requirements in a way. A detailed account that ensures the player's understanding of the motor task during execution, which in turn gives the player and develops his communication system through inductive models such as the computer (Fathi, 2022) and its uses in vision that give cognitive depth in the sensory and cognitive processes in dealing with surrounding stimuli according to responses issued by the player in matches (Medlol, U., & Abdulla, 2020) and (JawadKadhim, M., &Mahmood, 2023), which helps to give realistic explanations and analyzes in the field and guide behavior through correct responses while identifying stimuli that appear in front of the player (Hadi, A., 2019) and (Kzar&Kadhim, 2020) then one of the alternatives present in the player's memory is chosen, and this comes according to the researcher's opinion through the selection of interactive repetitions in a positive manner with the skill vocabulary, especially the football dribbling skill, which affects and strengthens memorization and the player's high level of memory. Through the use of the machine (Ali Al-Attar &Jari, 2023), by which we mean here the employment of technology in the learning and training process, through which the process of repetition takes place, identifying the details, studying the technical content of the skill, analyzing it, and determining the shortest path in a concise manner in understanding (Ali, Y.S., Abdulhussein , A. A., &Jassim, 2023) and giving results through understanding the meaning, which reduces forgetting the details of skill performance and works to select information that helps him in the preparation and processing process, which in turn gives outputs that are commensurate with the stimuli that occur during the matches. (Yaseen&Alrawi, 2021) And (Kadhim, 2012)

The researchers add that the importance of adopting the machine extrapolation strategy in this research is to deal with stimuli through auditory input, through which that input can be visually

classified, leading to filtering information through which the player can classify parts of skills, (Abd&Shabba, 2021) and (Abd&Shabba, 2021) Raed, H., &Laith, 2022) and issues a judgment on it by collecting the outputs, linking them to the environmental stimuli, and issuing accurate judgments on them by making decisions that are appropriate to them in light of the player's attention and clarification by the coach of all of these variables, so the machine's extrapolation here is integrated to give the appropriate response in its final form. (JawadKadhim M, 2018) If machine induction is considered efficient for the senses, which are specialized methods for incoming information, then sensory information is recorded and prepared in memory (Yasir&Sikhe, 2020) in the form of input from image and video stimuli, processing, encoding and storing those stimuli and the possibility of retrieving and using them from before the player to make the judgments needed for practical situations in the match (Salman et al., 2022) and (ALTOOHAFI, Sajjad, & Abdullah Falah, 2023)

- Method and procedures
- The researcher relied on the experimental method

Research Community

They are from the junior players of the Al-Husseiniyah and Algeria Youth and Sports Centre. They number 16 players and were distributed into two experimental and control groups that underwent pre- and post-tests.

- Means, devices and tools:
- Devices- Electronic calculator, 4 - Data display, 4
- Tools
- 4 whistles - 20 footballs - Legal football field - 40 cones - 40 signs
- Skill tests:
- Test of dribbling with the ball between the posts

Tools: Footballs, stopwatch, 5 markers, tape, whistle.

Implementation: The signs are fixed in a straight line and are between one post and another at 2 m. Upon hearing the instruction to start, the player runs between the posts using the ball back and forth. The player is given two attempts and he takes the best one, and the time spent back and forth is calculated.

Movement accuracy test

Implementation: 3 circles are drawn with diameters of 3m, 5m, and 7m. A starting line is determined that is 10m away and 25 meters long from the side. Five signs are fixed in a straight line, and the distance between the signs is 2m. When the instruction to start is given to the player, he runs with the ball between the signs back and forth, and the player is given two attempts.

The method of scoring points is three points for the central circle, which has a diameter of 3 m, two points for the circle, which has a diameter of 5 m, one point for the circle, which has a diameter of 7 m, and zero if you leave the circle.

Homogeneity of the research sample

Table (1) Homogeneity of the research sample by the skewness factor (+_3)

Factor skewness	deviation Standard	Mediator	the middle Arithmetic	lonliness Measurement	Variables	No
8 0,0	2 1,2	8, 0 2	90 , 0 2	year	the age	1
9 3 ,0	6 2 ,10	8, 64 1	7 7, 0 17	meter	height	2
9 1,7	2 7 ,10	9 , 0 6	1, 1 7	kg	the weight	3

Equivalence of the two research groups

Table (2) Equivalence of the experimental and control groups in dribbling and accuracy in passing the ball for the pre-tests

The result	t value Calculated	Control group		Experimental group		lonliness Measurement	Variables	No
		A ⁺	s	A ⁺	s			
Insignificant	0,38	1,99	27,86	1,8	28,13	Th	Football interview	1
Insignificant	0,71	12,27	24,66	6,43	22,06	degree	Passing accuracy	2

Implementation steps

Pre-tests for the research sample

Pre-tests were conducted on the research sample in the Al-Husseiniyah Youth and Sports Forum in the Al-Zuhur neighborhood with the assistant work team at four o'clock in the afternoon on Saturday, September 2, 2023. The players for the experimental and control groups were tested in the ball dribbling test and the ball handling accuracy test.

Implementing the main experiment using the numbered device

The first development unit was conducted at four o'clock in the afternoon on September 9, 2023, which included 36 units, 3 units per week. The duration of the unit was 120 minutes for the skills under discussion. The units were divided as follows: (9) applied units were allocated to develop the skill of dribbling with the ball and (9) sessions in the form of audio-visual episodes, adopting a machine extrapolation strategy using a projector and computer, and analyzing the details of the skill of dribbling with the ball in all its details through presentation, explanation, questions and answers between players and coaches, (9) units for developing passing accuracy during practical implementation, and (9) skills units. The aforementioned are shared, interconnected, and varied according to sessions in the form of audio-visual episodes, adopting a strategy of induction of the instrument using the projector and computer, analyzing the details of the skill, its accuracy, errors, and how to correct them, and installing the correct parts in the technical performance of it.

Posttests for the research sample

The post-tests were conducted on December 9, 2023 at the Al-Husseiniyah Youth and Sports Forum in the Al-Zohour neighborhood, at the same time and under the same conditions as the pre-tests.

Statistical means

Table (3) Ball dribbling test for the experimental and control groups

Meaning of differences	* T tabular value	Calculated T value	Control group		Experimental group		the test
			p ±	s	p ±	s	
Insignificant	2.145	0.25	2.7	7	1.91	7.25	Tribal
moral	2.145	3.968	1.060	7.375	1.060	9.625	And the distance

Table (4) Results of the ball dribbling test between the pre- and post-tests, the experimental and control groups

The of significance the differences	tabular * T value	Calculated T value	FH	F	the group
moral	2.365	3.148	0.7544	2.375	Experimental
moral	2.365	2.553	0.4406	1.125	Female officer

Table (5) Percentage of development between the pre- and post-tests for the control and experimental groups for the ball dribbling test

Percentage of development	The difference between the circles	Baadi-S Al	S tribal	the group
32.76	2.375	9.625	7.25	Experimental
5.36	0.375	7.375	7	Female officer

Discussion of the results

Table (2-3) shows the results of the football dribbling test, which showed a significant difference at the significance level (0.05) between the pre- and post-tests, in favor of the experimental group. As for the control group, it showed a significant improvement, but less than the experimental group, (Mondher et al., 2023) The researcher attributes this to the development that occurred as a result of the induction efficiency of the machine in developing this skill in football (Mondil et al., 2023), in addition to the exercises applied to the experimental sample in the main part of the development unit, which helped to create a high speed of movement in the legs. During dribbling and implementing this skill in a diverse manner in application, (Easa et

al., 2022), so most of the exercises prepared by the researcher mainly worked on developing motor speed with high effectiveness through correct application in dribbling and controlling the ball (Nazar, T., & Aladdin, 2018) to take into account the rest periods in performing repetitions between exercises and their groups, which has a positive and effective impact on the development of the skill aspect and reaching the required technical level, (Ahmed FadhilFarhan Mohammed JawadKadhim, 2016). The researcher confirms that the amount of time that the learner adds in his practice Exercise is not the only influence on the development of learning, but also the quality of modern methods in the training and educational process for football skills and the reliance on modern and scientific strategies that graduate the player, (JawadKadhim, M., & Salman Ahmed, 2016) and (Tawfeeq, A., & Jalal (2019) From the traditional atmosphere in learning to the atmosphere of suspense and departure from the routine and monotony in receiving information and the diversity in the sources of input and receiving information, all of this falls on the coach to communicate the details required to learn, develop or develop the details of the skill, especially the skill of football dialogue, as we find that the learners (Abdul Kareem, M., &Qasim, 2023) Sometimes they put in a lot of effort and for several hours in an ineffective exercise that causes them boredom or frustration, and the type and classification of the skill does not suit the environment in which it is performed (Kadhim, M. J., Shihab, G. M., &Zaqair, 2021). (Mousa, A. M., &Kadhim, 2023)

Table 6 Testing the accuracy of passing a soccer ball for the experimental and control groups

Meaning of differences	* T tabular value	Calculated T value	Control group		ental groupExperim		the test
			p±	s	p±	s	
Insignificant	2.145	0.224	1.03	3.25	1.06	3.375	Tribal
moral	2.145	3.427	1.356	5.875	0.925	8	And the distance

Table (7) Testing the accuracy of passing with a soccer ball in the pre- and post-tests, the experimental and control groups.

Meaning of differences	tabular * T value	Calculated T value	FH	F	the group
moral	2.365	9.292	0.4977	4.625	Experimental
moral	2.365	5.579	0.5153	2.875	Female officer

Table (8) Percentage of development in the pre- and post-tests, the experimental and control groups, football passing accuracy test

Percentage of % development	The difference between the circles	Baadi-Al S	tribal S	the group
-----------------------------	------------------------------------	------------	----------	-----------

% 137.4	4.625	8	3.375	Experimental
% 80.77	2.625	5.875	3.25	Female officer

Discussing the results

From Table (5,6) we confirm the results of the accuracy test in football that there is a significant difference between the pre- and post-tests and in favor of the post-test for the experimental group. As for the control group, it recorded development and less significant differences than the experimental group between the pre- and post-tests and the rate of development is high (Abdel-Nabi, M (Ali, H., 2020) , & Khalid, 2018) after listening and seeing the details of the skills, analyzing them, and translating them on the field during application on the field between teammates (Mahmood et al., 2023) and what is appropriate to the law of the game of football according to the required distance and speed of motor response in applying the skills in dribbling and passing (Hussein, Yasir, & Abdulazeen, 2022) All of this helped the sample in the experimental group to develop in testing the accuracy of performing skills in football, which marked the movement paths and their accuracy in the experimental research sample (Saad M., 2022). The researcher also adds that development occurred in the experimental research sample It is due to the adoption of the exercises used in the application on the computer, displaying it on the data show with audio and video, discussing the details of the performance in an accurate and detailed manner based on sound scientific foundations, and the precise linking between the correct paths and the performance time (Mohammed et al., 2021) and (Ahmed FadhilFarhan Mohammed JawadKadhim, 2016)

Conclusions

1. Machine extrapolations provide solutions to many problems related to the skills of dribbling in youth football
2. Machine extrapolations develop the element of accuracy in the performance of the dribbling skill in youth football
3. There is a significant correlation between the efficiency of machine extrapolation in executing the control skill and the accuracy of its performance in youth football.

Recommendations

1. Modern technologies have high efficiency in developing sports skills.
2. Relying on the results of current research when learning, developing and developing the skill of conversation and its accuracy to maintain a high percentage of results and benefit from them in clubs, sports talent centers and youth and sports forums in the game of football, especially the junior category.

References

1. Abd, Z. A. H., & Shabba, F. S. Y. (2021). The Contribution Of Ball Launching And Ring Entrance Angle Variables In 3 Points Jump Shot In Basketball. *Journal of Physical Education*, 33(3), 73–79. [https://doi.org/10.37359/JoPe.V33\(3\)2021.1189](https://doi.org/10.37359/JoPe.V33(3)2021.1189)

2. Abdel-Nabi, M., Taqi, B. M., & Hammood, A. H. (2020). Leadership Patterns For University Student Activities Managers According To The Blake And Moton Model (The Managerial Grid). *Sciences Journal Of Physical Education*, 13(7), 493–501.
3. Abdul Kareem, M., & Qasim, S. (2023). The Impact Of A Training Curriculum To Develop Speed Endurance In Passing The Readiness Test During The Competition Period For The Arena Referees Of The. *Journal of Physical Education*, 35(3), 757–770. [https://Doi.Org/10.37359/JoPe.V35\(3\)2023.1489](https://Doi.Org/10.37359/JoPe.V35(3)2023.1489)
4. Ahmed Amer Abdul Hussein, M. D. A. S. S. (2020). He Use Of The Electronic System With Special Exercises And Its Impact In The Development Of Shooting On The Basketball For Young People. *Journal Mustansiriyah Of Sports Science*, 2(4), 24–29.
5. Ahmed Fadhil Farhan Mohammed Jawad Kadhim, G. M. S. (2016). The Effectiveness Of Injury Prevention Program On Reducing The Incidence Of Lower Limb Injuries In Adolescent Male Soccer Players. *Injury Prevention*, 22(Suppl 2), 346.(
6. Al-Frejawi, A., & Adnan, B. (2023). The Effect Of Special Exercises Using With Assisting Aids According To Differentiated Learning (Visual Learners) In Learning Crescent Kick In Fighters Of Specialized Taekwondo Schools. *Journal of Physical Education*, 35(1), 135–149. [https://Doi.Org/10.37359/JoPe.V35\(1\)2023.1448](https://Doi.Org/10.37359/JoPe.V35(1)2023.1448)
7. Ali, H., & Khalid, O. (2018). Effect Of Antioxidants On The Achievement Level Of National Weightlifting League. *Physical Education Journal*, 30(2), 395–407. [https://Doi.Org/Doi.Org/10.37359/JoPe.V30\(2\)2018.372](https://Doi.Org/Doi.Org/10.37359/JoPe.V30(2)2018.372)
8. Ali, Y. S., Abdulhussein, A. A., & Jassim, A. H. (2023). Employment Of Resistance Exercise In Accordance To Variable Biomechanical Markers To Develop The Strength And The Speed Of Arm Muscles Of Water Polo Players. *International Development Planning Review*, 22(2), 589–605.
9. Ali Al-Attar, L. S., & Jari, H. S. (2023). The Effect Of Special Exercises According To A Designed Device In Developing The Performance Of A Kinetic Chain On The Balance Beam Device. *Revista Iberoamericana De Psicologia Del Ejercicio Y El Deporte*, 18(3), 254–258.
10. Altoohafi, Sajjad, & Abdullah Falah, A. (2023). Building And Legalizing A Test To Evaluate The Time For The Motor Response Time For Skills Advance And Retreat Foil Fencer In Fencing Game. *Journal of Physical Education*, 35(1), 104–114. [https://Doi.Org/10.37359/JoPe.V35\(1\)2023.1439](https://Doi.Org/10.37359/JoPe.V35(1)2023.1439)
11. Dr. Zina Abdul-Salam, S. J. (2020). Show The Effect Of The Physical Education Lesson While Using The Interactive Ground Games With The 4th Grade Students To Enhance Their Kinetic Abilities. *Modern Sport*, 19(2). <https://Doi.Org/Doi.Org/10.54702/Msj.2020.19.2.0057>
12. Easa, F. A. W., Shihab, G. M., & Kadhim, M. J. (2022). The Effect Of Training Network Training In Two Ways, High Interval Training And Repetition To Develop Speed Endurance Adapt Heart Rate And Achieve 5000 Meters Youth. *Revista Iberoamericana De Psicologia Del Ejercicio Y El Deporte*, 17(4), 239–241.

13. Fathi, M. K. (2022). Design And Rationing Of A Test To Measure The Accuracy Of Shooting By Jumping Forward From The Goal Area Line As A Result Of The Quick Attack Of Handball Players. *RevistaIberoamericana De Psicologia Del Ejercicio Y El Deporte*, 17(5), 294–298.
14. Hadi, A., & J. (2019). The Effect Of Using Proposed Tools On Learning Kill Shot In Young Squash Players. *Journal of Physical Education*, 31(3), 124–134. [https://Doi.Org/10.37359/Jope.V31\(3\)2019.867](https://Doi.Org/10.37359/Jope.V31(3)2019.867)
15. Hussein, Yasir, & Abdulazeen, T. . (2022). Classroom Interaction Patterns And Its Relation To Handball Dribbling And Passing For Sophomore Students. *Journal of Physical Education*, 34(2), 227–238. [https://Doi.Org/10.37359/Jope.V34\(2\)2022.1241](https://Doi.Org/10.37359/Jope.V34(2)2022.1241)
16. JawadKadhim, M., & Mahmood, H. (2023). The Effect Of Special Exercises For Some Physical, Motor And Electrical Abilities Accompanied By Symmetrical Electrical Stimulation In The Rehabilitation Of The Muscles Of The Arms Of Patients With Simple Hemiplegic Cerebral Palsy. *Journal of Physical Education*, 35(3), 618–593. [https://Doi.Org/10.37359/Jope.V35\(3\)2023.1515](https://Doi.Org/10.37359/Jope.V35(3)2023.1515)
17. JawadKadhim, M., & Salman Ahmed, W. (2016). Evaluating Training Program Using Physiological And Biochemical, And Physical Indicators On National Artistic Gymnastics League For Men. *Journal of Physical Education*, 28(3), 116–129. [https://Doi.Org/10.37359/Jope.V28\(3\)2016.1064](https://Doi.Org/10.37359/Jope.V28(3)2016.1064)
18. JawadKadhim M, A. Z. A. (2018). The Effect Of Sodium Bicarbonate Added To Water On First Class Soccer Players' Pulse After Effort. *Journal of Physical Education*, 30(2), 454–472. [https://Doi.Org/10.37359/Jope.V30\(2\)2018.376](https://Doi.Org/10.37359/Jope.V30(2)2018.376)
19. Kadhim, M. J., Shihab, G. M., & Zaqair, A. L. A. A. (2021). The Effect Of Using Fast And Direct Cooling After Physical Effort On Some Physiological Variables Of Advanced Football Players. *Annals Of The Romanian Society For Cell Biology*, 25(6), 10014–10020. <https://Annalsofrscb.Ro/Index.Php/Journal/Article/View/7336>
20. Kadhim, M. J. (2012). The Effects Of Drinking Water, Magnetized Through Training On Some Biochemical Variables In Blood. *Journal of Physical Education*, 24(1), 453–480.
21. Kzar, F. H., & Kadhim, M. J. (2020). The Effect Of Increasing Rehabilitation Program Using Electric Stimulation On Rehabilitating Knee Joint Working Muscles Due To Acl Tear In Athletes. *Journal of Physical Education*, 32(3), 14–18. [https://Doi.Org/10.37359/Jope.V32\(3\)2020.1012](https://Doi.Org/10.37359/Jope.V32(3)2020.1012)
22. Mahmood, H. A., Mohammed, P., & Kadhim, J. (2023). Special Exercises For Some Physical, Kinetic And Electrical Abilities Accompanied By Symmetrical Electrical Stimulation In The Rehabilitation Of The Muscles Of The Legs For Patients With Simple Hemiplegic Cerebral Palsy. *Pakistan Heart Journal*, 56(01), 580–595. <Http://Pkheartjournal.Com/Index.Php/Journal/Article/View/1291>
23. Medlol, U., & Abdulla, A. (2020). Administrative Empowerment In Iraqi International Soccer Fields. *Journal of Physical Education*, 32(2), 26–33. [https://Doi.Org/10.37359/Jope.V32\(2\)2020.990](https://Doi.Org/10.37359/Jope.V32(2)2020.990)

24. Mohammed, M. A., Sabhan, M. H., & Abed, E. K. (2021). Special Cross-Sectional Exercises And Their Impact On The Development Of Some Physical Abilities And Performance Of The Basic Skills Of Football For Young Players. *Revista Iberoamericana De Psicologia Del Ejercicio Y El Deporte*, 16(1), 11–14.
25. Mondher, H. A., Sabah, P., & Khalaf, Q. (2023). The Effect Of Compound Exercises With The Intense Method And The Training Mask On The Development Of Some Physical Abilities And The Level Of Skillful Performance Of Futsal Players. *Pakistan Heart Journal*, 56(01), 310–323.
26. Mondil, M. T., Prof, A., & Hussein, L. (2023). The Effect Of Using An Innovative Device On Learning The Movement Of The Feet And The Speed Of Kinetic Response, And Some Badminton Skills For Female Students. *Pakistan Heart Journal*, 56(02), 156–164.
27. Mousa, A. M., & Kadhim, M. J. (2023). Nmusing An Innovative Device To Improve The Efficiency Of The Anterior Quadriceps Muscle Of The Injured Knee Joint After Surgical Intervention Of The Anterior Cruciate Ligament In Advanced Soccer Players. *Semiconductor Optoelectronics*, 42(1), 1504–1511.
28. Muhsen, T. Abdulaziz, & Muhsen, M. Abdulaziz. (2020). The Impact Of Physical Activity And Sport On Mental Health. *Journal of Physical Education*, 32(3), 160–165. [https://Doi.Org/10.37359/Jope.V32\(3\)2020.1032](https://Doi.Org/10.37359/Jope.V32(3)2020.1032)
29. Nazar, T., & Aladdin, M. (2018). The Effect Of Small Games On Learning Floor Exercises In Artistic Gymnastics For Children With Learning Disabilities Aged 7 Years Old. *Journal of Physical Education*, 30(2), 350–365. [https://Doi.Org/10.37359/Jope.V30\(2\)2018.369](https://Doi.Org/10.37359/Jope.V30(2)2018.369)
30. Raed, H., & Laith, K. (2022). The Effect Of A Tool For Helping The Learning Of Forehand And Backhand Stroke In Tennis For Ages (10-15). *Journal of Physical Education*, 34(4), 431–442. [https://Doi.Org/10.37359/Jope.V34\(4\)2022.1328](https://Doi.Org/10.37359/Jope.V34(4)2022.1328)
31. Salman, S. M., Kadhim, M. J., & Shihab, G. M. (2022). The Effect Of Special Exercises In The Rehabilitation Of The Shoulder Muscle For The Youth Wrestling Category. *International Journal Of Early Childhood Special Education*, 14(05), 4606–4609. <https://Doi.Org/10.9756/Intjecse/V14i5.555>
32. Tawfeeq, A., & Jalal, K. (2019). The Effect Of Preventive Exercises On The Development Of Some Abilities Affecting Prevention From Injuries In Young Boxers. *Journal of Physical Education*, 31(2), 159–166. [https://Doi.Org/10.37359/Jope.V31\(2\)2019.924](https://Doi.Org/10.37359/Jope.V31(2)2019.924)
33. Yaseen, N. K., & Alrawi, A. A. (2021). Constructing And Standardizing Cognitive Test In Artist Competition Rule For Epee Referees. *Journal of Physical Education*, 33(4), 160–172. [https://Doi.Org/10.37359/Jope.V33\(4\)2021.1227](https://Doi.Org/10.37359/Jope.V33(4)2021.1227)
34. H. A. Kanber, S. H. H. Al-Taai, and W. A. M. Al-Dulaimi, “Recruitment of teachers for cooperative education in educational institutions,” *International Journal of Emerging Technologies in Learning*, vol. 18, no. 3, pp. 110–127, 2023. <https://doi.org/10.3991/ijet.v18i03.36815>
35. Yasir, A. M., & Sikhe, H. S. (2020). The Effect Of Special Weight Exercises Using Auditory Apparatus According To Kinematic Indicators For Developing Auditory Response And

Accuracy Of Spiking In Volleyball. *International Journal Of Psychosocial Rehabilitation*, 24(04), 9684–9691.

36. SaadM.,& H. a. (2022). The Organizational Climate For Teachers Of School Sports In The Sports And School Activities Departments Of The Province Of Baghdad From The Point Of View Of Physical Education Teachers For The Intermediate Stage. *Wasit Journal Of Sports Sciences*, 10(3), 216–231. <https://doi.org/10.31185/Wjoss.84>