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Email : Jfazel95@gmail.com

- 2 - Contextual interference
- 3 - Blocked Practice
- 4 - Random Practice
- 5 - Acquisition
- 6 - Retention
- 7 - Transfer



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- 1 - Batig E G. Shea, Morgan
 - 2 - Goode, S.Magill R.A. Wrisberg, Liu, Hall, Domingnes
 - 3 - Hanlom, Schmidt et al, Schnider et al.
 - 4 - Brady
 - 5 - Wulf, Shea, Olis et al .
 - 6 - Sears, Husak



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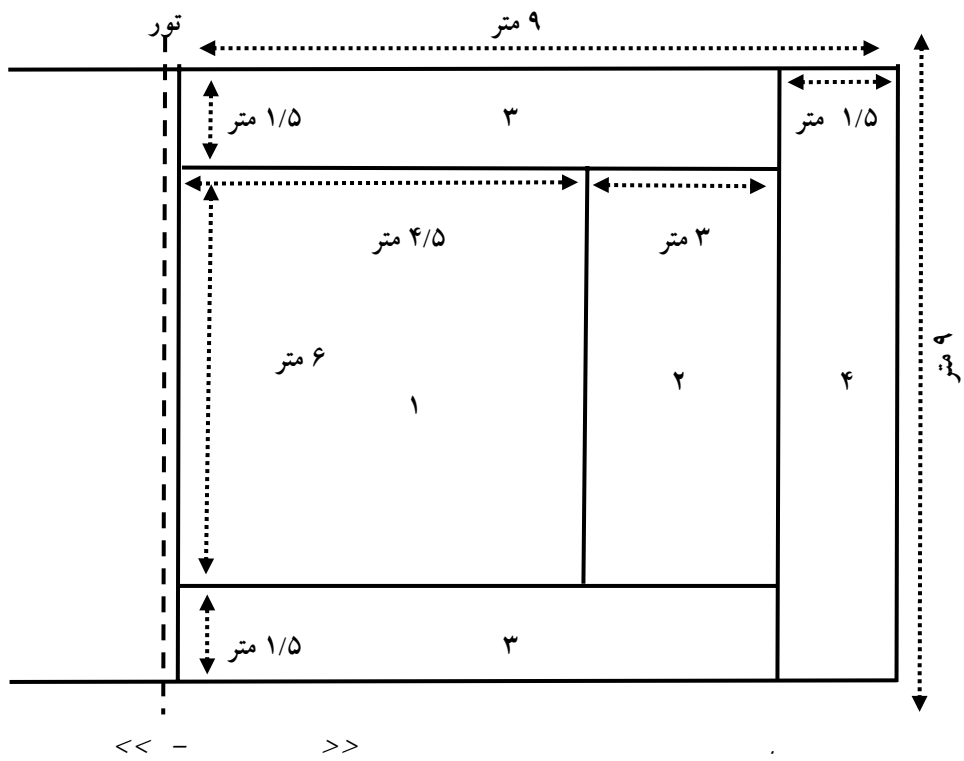
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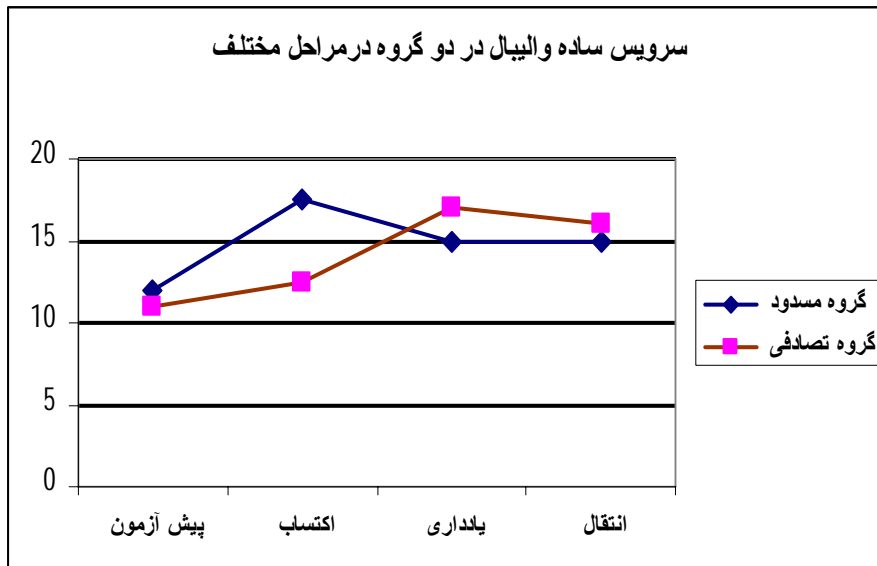
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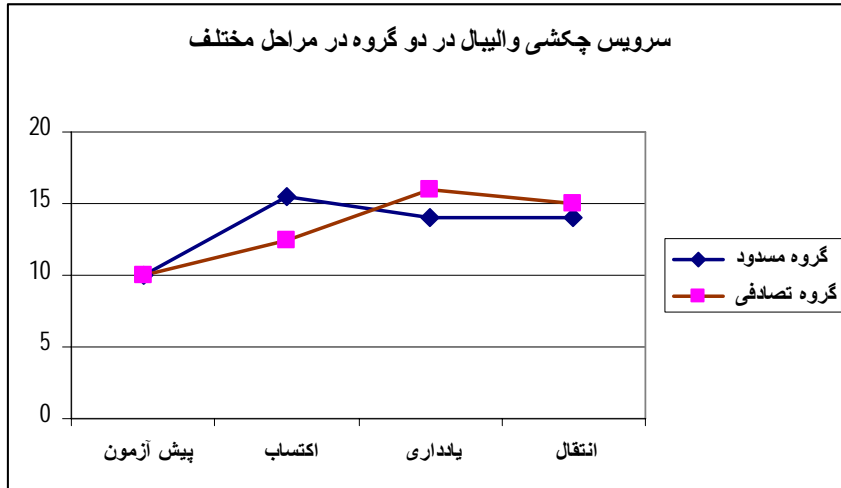
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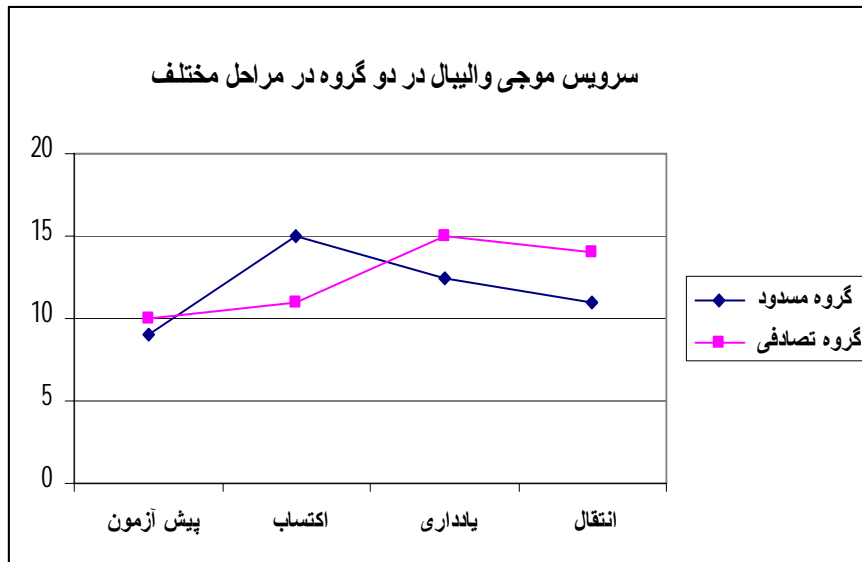




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7. Abaret, J.M, Than, B. (1998). "Defferential effects of task complexity on contextual interference in a drwing task". *Acta Psychologica* 100. PP:9-24.
 8. Bortoli. L, Robazza. C, Durgon, V, Carra.C, (1992). "Effects of contextual interference on learning technical sports skills". *Perceptual and motor skills*. 75, PP:555-562.
 9. Brady, F. (1998). "A theoretical and empirical review of the contextual interference effect and the learning of moter skill". *Quest*, 50, PP:266-93.
 10. Diane, M, Shannon, S.M. (2004). "High levels of contextual interference enhance Handwiting skill acquisition". *Journal of motor behavior*. No 1, PP:115-126.
 11. Dubrowski A, Proteau L. (2004). "Practice effects on the use of visual and haptic cues during grasping". *J Mot Behav*. 36(3). PP:327-38.
 12. Duff. SV, Gordon AM. (2003). "Learning of grasp control in children with hemiplegic cerebral palsy". *Dev Med Child Neurol*, 45(1), PP:746-57.
 13. French, KE, Rink JE (1990). "Effects of contextual interference on retention of three volleyball skills". *Perceptual and Motor skills*, 71, PP:179-186.
 14. Goode, S, Magill, R.A. (1986). "The contextual interference effects in learning three badminton serves". *Research Quarterly fore exercise and sport*. 57. PP:308-314.
 15. Granda. V.J, Motilla. MM. (2003). "Practice schedule and acquisition, and transfer of a throwing task in 6-yr-old children". *Percept Mot Skills*, 93(3ptl). PP:1015-25.
 16. Immin K.M.A, Wright. DL. (2001). "Motor programming during practice conditions high and low in contextual interference". *J Exp Psychol Hum Percept Perform*; 27(2) : PP:423-37.
 17. Lee.T.D, Magill. R.A. (1983). "The locus of contextual interference in motor skill acquisition". *Journal of Experimental psychology*. 9. PP:730-746.
 18. Li, Y.Wright, DL(2000). "An assessment of the attention demands during random and blocked – practice schedules". *The quarterly Journal of experiment psychology*, 53A(2), PP:591-606.
 19. Magill, R.A, Hall KG (1995). "Variability of practice and contextual interference in motor skill learning". *J Mot Behav*, 27(4). PP:299-309.

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20. Magill. R.A. (2004). *“Motor Learning and control : concepts and application”*. Seven Edition.
 21. Magill, R.A, Hall, KG (1990) . *“A review of the contextual interference effect in motor Skill acquisition”*. *Human Movment science*. 9, PP:241-289.
 22. Magill. R.A, (2001). *“Motor Learning : Concepts and application (6th) , Dubugue”*. IA :Brow and Benchmark.
 23. Marie-DM, Clark SE (2004). *“High level of contextual interference enhance handwriting skill acquisition”*. *J Mot Behav*, 36(1): PP:115-126.
 24. Maslovat, D, Romeo. C . (2004). *“Contextual interference : Single task versus multi task leraining”* *Motor Control*, 41, PP:219-223.
 25. Ollis, S, Button. C. (2005). *“The influence of professional expertise and task complexity upon potency of the contextual interference effect”*. *Acta psychol*, 118(3) : PP:229-44.
 26. Overdrof .V.Page.S.J. (2004). *“Mental and physical schedules in acquisition and retention of novel timing skills”*. *Percept Mot Skills* 99(1), PP:51-62.
 27. Pollock. B.J.Lee. T.D. (1997). *“Dissociated contextual interference effect in children and adult”*. *Perceptual and motor skills*. 84, PP:851-858.
 28. Schmidt (1999). *“Motor control and learning : A behavior emphasis.”* Champaign, IL: Human Kinetics.
 29. Shea, J.B, Morgan. R.L. (1979). *“Contextual interference effects on acquisition retention and transfere of a motor skill”*. *Journal of Experimental psychology : Human Learning and memory*. 5. PP:179-187.
 30. Shea. C.H. Kohl. R.Indermill (1990). *“Contextual interference : Contribution of practice”*. *Acta psychologic*. 73, PP:145-157.
 31. Simon. DA, Bjrk. R.A. (2002). *“Models of performance in learning multisegment movement task: Consequence for acquisition, retention and Judgment of learning”*. *J.Exp. Psychol*, 8(4). PP:222-320.
 32. Tsutsui, S, Lee. T.D and Hodges. N.J. (1998). *“Contextual interference in learning new patterns of bimanual coordination”*. *Journal of motor behavior*. 30, PP:151-157.
 33. Wright, D.L. Black C.B. (2004). *“Long – term motor programming improvements occur via concatenation of movement sequences during random but not during blocked practice”*. *Journal of motor behavior* 36(1). PP:39-50.
 34. Wrisberg. C.A . (1991). *“A field test of the effect of contextual variety skill acquisition”*. *Journal of teaching physical Education*. 11 : PP:21-30.