

تأثیر توجه درونی و بیرونی بر آماده سازی حرکات آهنگین

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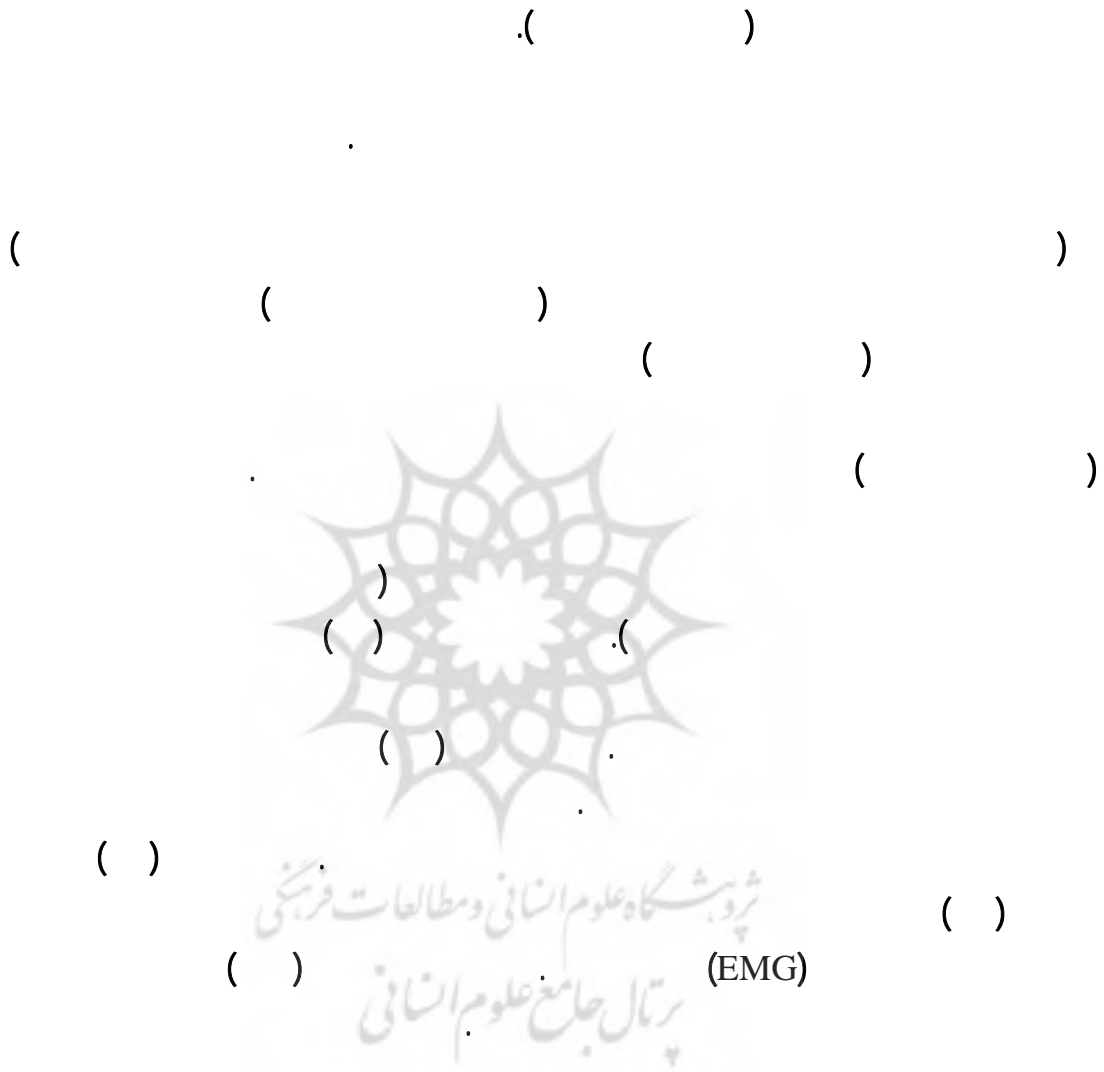
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پرتال جامع علوم انسانی



- ۱. Bliss-Boder
- ۲. Constrained-action hypothesis
- ۳. Probe RT
- ۴. Routines

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روش شناسی تحقیق

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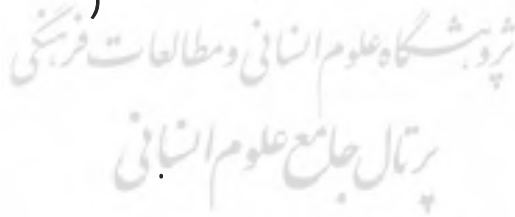
GMP

$$RTE = \frac{|R_1| + |R_2| + |R_3| + |R_4| + |R_5|}{|R_1| + |R_2| + |R_3| + |R_4| + |R_5|} \quad (1)$$

$$(R_n = [R_1, R_2, R_3, R_4, R_5])^* \quad (2)$$

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$$() * ()$$



یافته های تحقیق

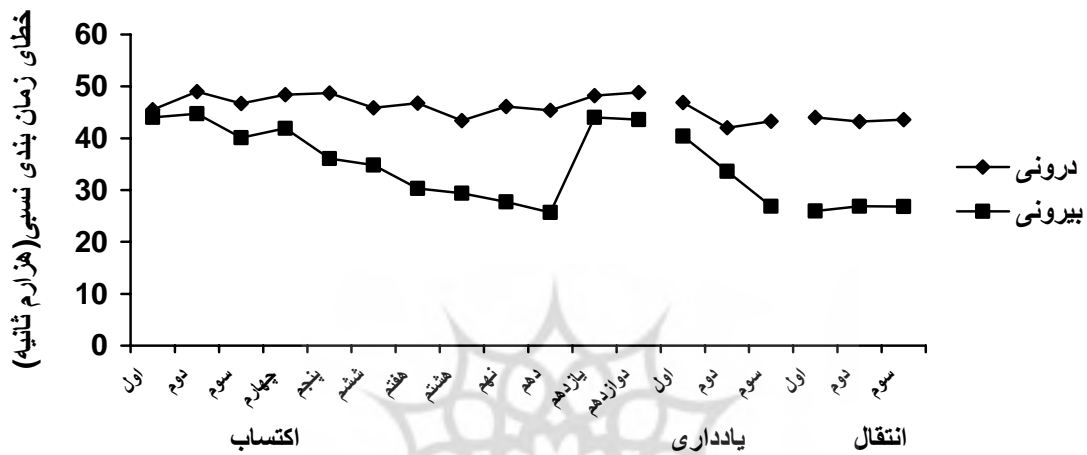
(F= / P= /)

(F= / P= /)

(F= / P= /)

^۱-Relative Timing Error(RTE)

LSD
 (MD= / P= /)
 (/) (/)
 (/)



شکل ۱: نمودار خطی خطای زمانبندی نسبی گروه های توجه درونی و بیرونی در دسته کوشش های مراحل اکتساب، یادداری و انتقال

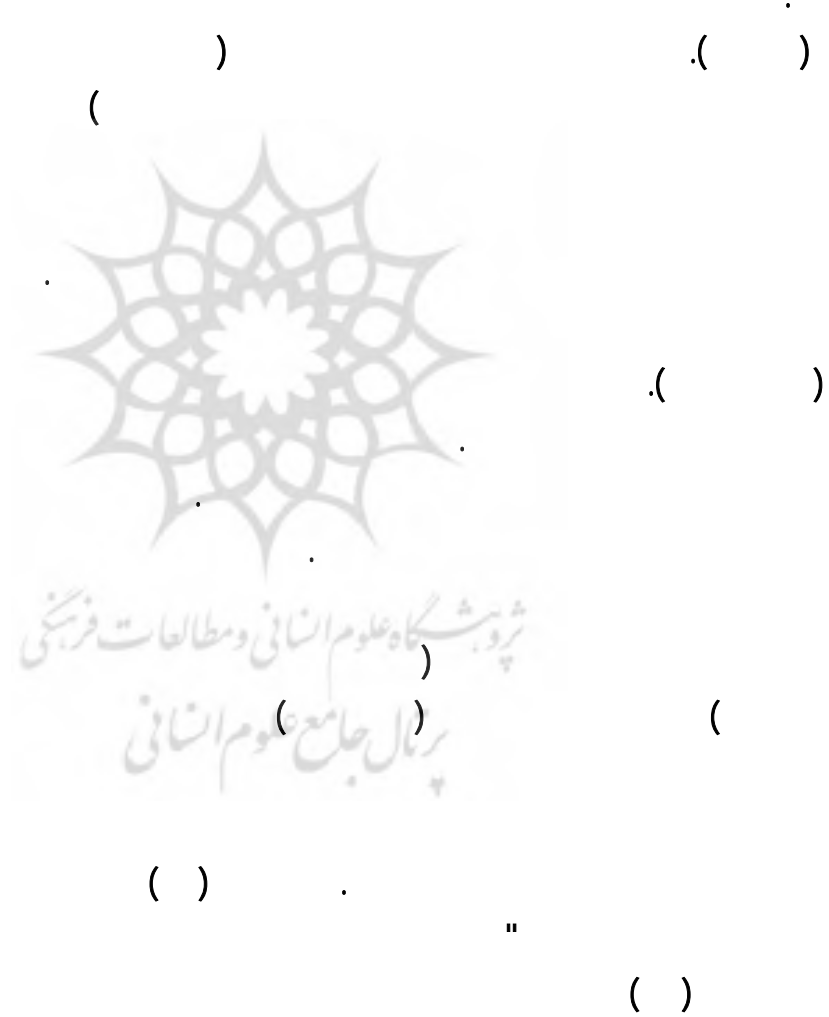
(F= / P= /) (F= / P= /) (F= / P= /)

LSD
 (MD= / P= /)
 (/) (/)

LSD (F= P= /)

(MD= / P= /)

بحث و بررسی:



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- Doody. S.G, Bird. A.M, Ross. D (), The effects of auditory and visual models on acquisition of a timing task, *Human Movement Science*, .
- Gould. R, Winberg. A (), Foundation of sport and exercise psychology, nd edition ,Human Kinetics Publisher.
- Jackson. R (),Preperformance routine consistency : temporal analysis of goal kicking in the Rugby Union World Cup, *Journal of Sports Sciences*, .
- Lai. Q, Shea. C,Little. M(), Effects of auditory information on a sequential timing task, *Research Quarterly for Exercise and Sport*, (), .
- Magill . R.A (), Motor Learning, Concepts and Applicatons, th edition, Mc Graw- Hill Publisher.
- Mc Nevin. N, Shea. Ch, Wulf . G (), Increasing the distance of an external focus of attention enhances learning , *Psychological Research*, (), .
- McNevin. N, Wulf. G (), Attentional focus on supra-postural tasks affects postural control, *Human Movement Science*, .
- Mccann. P, Lavallee. D, Lavallee. R(), The effect of preshot routines on golf wedge shot performance, *European Jornal of sport Science*, .
- Passmore. S () The Effect of mental load on Focus on Attention , *Journal of sport and Exercise psychology* , June NASPSPA Congress Abstracts , s .
- Perkins – Ceccato. N , Passmore. S, Lee. T () , Effects of focus of attention depend on golfers skill ,*Journal of Sports Sciences* , () , - .
- Schmidt . R.A, Lee. T.D. () , Motor Control and Learning, rd edition, Human kihetics Publisher.
- Schmidt. R.A , Wrisberg . C.A () . Motor learning and Performance , nd edition, Human kinetics Publisher.
- Shea. Ch, Wulf . G () . Enhancing learning external – focus instructions and feedback , *Human Movement Sciences* , .
- Southard. D,Amos. B () , Rhythmicity and preperformance ritual:stabilizing a flexible system, *Research Quarterly for Exercise and Sport*, .
- Southard. D,Miracle. A () , Rhythmicity,ritual and motor performance:a study of free throw shooting in basketball,*Research Quarterly for Exercise and Sport*, .
- Vance. J , Wulf. G, Tollner. T, McNevin. N, Mercer. J () , EMG Activity as a Function of

- the Performer's Focus of Attention ,*Journal of Motor Behavior*, .
- Wetterstrand. F (), Mental preparation preshot routines for elite golf players, Essay in sport psychology, Halmstad University.
- Williams. J.M (), Applied sport psychology, personal growth to peak performance, th edition, Mayfield Publisher,.
- Wulf.G. Hob . M , Prinz. W (), Instructions for Motor Learning : Differential Effects of Internal Versus External Focus of Attention, *Journal of Motor Behavior*, (), - .
- Wulf . G, Prin. Z .W (), Directing attention to movement effects enhances learning : A Review, *Psychonomic Bulletin & Review*, (), - .
- Wulf . G, Lauterbach. B, Toole. T (), The Learning Advantage of an External Focus of Attention in Golf, *Research Quarterly for Exercise and Sport*, (), - .
- Wulf . G, McNevin. N.H, Fuchs. J, Ritter. F, Toole. T (), Attentional Focus in complex skill learning, *Research Quarterly for Exercise and sport*, (, - .
- Wulf. G, McNevin. N, Shea. C (), The automaticity of complex motor skill learning as a function of attentional focus, *The Quarterly Journal of Experimental Psychology*, (), - .
- Wulf. G, Mc Nevin. N (), Further Evidence for the Benefits of an External Attentional Focus – or Preventing an Internal Focus in not Enough, NASPSPA congress, Abstract book.
- Wulf. G, Shea. C, Park. J (), Attention and Motor Performance: Preferences for and Advantages of an External Focus, *Research Quarterly for Exercise and Sport* , (), - .
- Wulf .G , Landers . M, Wallmann. H, Guadagnoli . M (), An External focus of Attention can Attenuate Balance Impairment in Parkinson's Disease, *Journal of sport and Exercise Psychology*, June, NASPSPA Congress Abstracts, S .
- Wulf. G, Mc Connel. N, Gartner, M, Schwarz. A (), Enhancing the learning of sport skills through external – focus feedback , *Journal of Motor Behavior*, (), .
- Wulf. G, Mercer. J, McNevin. N, Guadagnoli. M.A (), Reciprocal influences of attentional focus on postural and suprapostural task performance, *Journal of Motor Behavior*, .
- Zachry. T, Wulf. G, Mercer. J, Bezodis. N (), Increased movement accuracy and reduced EMG activity as the result of adopting an external focus attention, *Brain Research Bulletin*, .