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The Effect of Training in Two Motivational Environments on Performance and Learning Perceptual Motor Task

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The aim of this study was to Abstract: determine the effect of exercise in two different motivational environments (low and high) on learning a perceptual motor task (basketabll penalty shoot). Subjects were 37 healthy phsical education male students (mean age 21.78 years) that were divided into two groups randomly. Group A (n=19) exercised in an environment with high arousal and motivational items while group B (n=18) exercised in an environment with low arousal and motivational items. They exercised for 6 weeks; 3 sessions per week with 15 trails in each session. Immediately at the end of the exercise course, acquision test was carried out and after 10 days retention test was done. Fifteen trail baskeball penalty shoots were used as the research tool. To

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analyze data, repeated measure ANOVA, paried T test and independent T test were used. Results: no significant difference was found between the two groups in acquisition and learning the task. It was also shown that both groups improved their performance significantly.

Key Words: Exercise, Motivation, Arousal, Perceptual Motor Task.

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1 - Individual
2 - Task
3 - Environment
4 - Adaptation
5 - Arousal
6 - Task Importance
7 - Goal Setting
8 - Spectators
9 - Reward
10 - Sage

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2 - Guide
3 - Internal Motivation
4 - External Motivation
5 - Landers
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1 - Yerkes and Dadson
2 - Drive Theory
3 - Clark Hull
4 - Zones of optimal Functioning
5 - Hanin
6 - Catastrophe
7 - Fazy and Hardy
8 - Reversal
9 - Kerr
10 - Shepperd
11 - Collet

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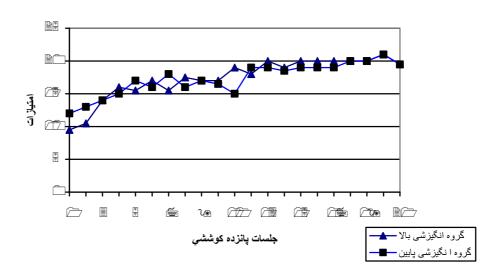
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1 - Task Importance, Goal Setting, Spectators Presence, Rewards, Competition, Motivational Feedback

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