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Adaptation to visuomotor transformations: consolidation, interference, and forgetting.

Krakauer JW, Ghez C, Ghilardi MF

J Neurosci 2005 Jan 12 **25**(2):473-8 [[abstract on PubMed](#)] [[citations on Google Scholar](#)][[related articles](#)] [[FREE full text](#)]**Selected by** | Reza Shadmehr

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Faculty Member

Reza Shadmehr

Johns Hopkins University,
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NEUROSCIENCE

- Confirmation
 New Finding

Comments

This paper addresses the question of whether passage of time strengthens motor memories and finds conditions where performance indicates an increased resistance of the memory to interference. The task is reaching under rotated visual feedback, a paradigm where a number of previous papers had not found an effect of time on strength of the memory. The results are striking because the authors first reproduce the earlier results where no effect was observed and then change the training paradigm to show the conditions where the memory becomes resistant to interference.

Competing interests: None declared

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