Max-Wertheimer Minerva Center for Cognitive Processes and Human Performance

אנו שמחים לארח את

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Maintaining spatiotemporal continuity in vision

We live in a constantly changing visual environment. Whether it is playing team sports or crossing a busy street, many everyday tasks require us to actively retain visual information across discontinuities in space and time.

At least two mechanisms have been proposed to establish spatiotemporal continuity: Tracking moving objects with attention and remembering their identities in working memory. The capacity of both of these mechanisms is often considered highly limited. In this talk, I present new evidence showing that the capacity of attentive tracking and working memory is not as limited as often believed. Instead, their representations are highly susceptible to interference from new visual input. I also show that focused attention can increase the robustness of these representations to interference.

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נשמח לראותכם בין אורחינו

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