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Title: Do synchronized auditory tones facilitate visual rhythm perception?

Outline: Rhythm perception is typically associated with auditory stimuli with regular temporal patterns, but it also exists in visual domain. A recent research(Li et al., 2014). has shown that searching for a target defined by a unique visual rhythm is not a “pop-out” process, but a serial one that demands considerable attention. Using a dynamic search display with periodically moving objects, the present study further asks whether synchronized auditory tones may facilitate visual rhythm search, thus leading to a more efficient search process.