

From Optics to Actions



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A flowing optic array



General theme: The dynamics of an observer's actions — their timing, direction, and force — are effectively controlled by the continuously changing optical produced by the observer's movements.

- Why is this interesting? important?
- What is the optical information?
- What are the visual mechanisms?

Reading:

- Warren, W.H. (2004). Optic flow. In J.S. Werner & L.M. Chalupa (Eds.), *The visual neurosciences* (Ch. 84, pp. 1247-1259). Cambridge, MA: MIT Press.
- Also relevant: Duffy, C.J. (2004). The cortical analysis of optic flow. (Ch. 85 in the same book).