

## ***Further Reading for Advanced Motion Lecture***

I would suggest reading these references roughly in the order listed:

- Chapter 8 of *Visual Perception* by Bruce, Green & Georgeson.
- Adelson, E.H. & Movshon, J.A. (1992). Phenomenal coherence of moving visual patterns. *Nature*, 300, 523–525.
- Movshon, J.A., Adelson, E.H., Gizzi, M.S., & Newsome, W.T. (1985). The analysis of moving visual patterns. In C. Chagas, R. Gattass, & C. Gross (Eds.), *Pattern recognition mechanisms* (pp. 117– 151). Vatican City: Vatican Press.  
<http://www.cns.nyu.edu/~tony/Publications/movshon-adelson-gizzi-newsome-1985.pdf>
- <https://monkeybiz.stanford.edu/Moving%20Visual%20Patterns-1.pdf>
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- Adelson, E.H. & Bergen, J.R. (1985). Spatiotemporal energy models for the perception of motion. *Journal of the Optical Society of America A*, 2, 284–299.

## ***Other References Cited in Advanced Motion Lecture***

- Adelson, E.H., & Bergen, J.R. (1986). The extraction of spatio-temporal energy in human and machine vision. *Workshop on motion: representation and analysis*, Charleston, SC.  
[http://persci.mit.edu/pub\\_pdfs/extraction86.pdf](http://persci.mit.edu/pub_pdfs/extraction86.pdf)
- DeAngelis, D.C., Ohzawa, I. & Freeman, R.D. (1993). Spatiotemporal organization of simple-cell receptive fields in the cat's striate cortex. I. General characteristics and postnatal development. *Journal of Neurophysiology*, 69, 1091–1117.
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- Reichardt, W. (1961). Autocorrelation, a principle for evaluation of sensory information by the central nervous system. In W. Rosenblith (Ed.), *Sensory communication*, pp.303–317. New York: John Wiley.
- Rodman, H.R., & Albright, T.D. (1987). Coding of visual stimulus velocity in area MT of the macaque. *Vision Research*, 27, 2035–2048.
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- Ullman, S. (1979). The interpretation of visual motion. MIT Press.
- van Santen, J.P.H., & Sperling, G. (1984). Temporal covariance model of human motion perception. *Journal of the Optical Society of America A*, 1, 451–473.
- Wilson, H.R., Ferrera, V.P., & Yo, C. (1992). A psychophysically motivated model for two-dimensional motion perception. *Visual Neuroscience*, 9, 79–97.