

## Retinopy and Motion Perception

1. Abrams, J., Nizam, A., & Carrasco, M. (2012). Isoeccentric locations are not equivalent: The extent of the vertical meridian asymmetry.
2. Arcaro, M. J., & Livingstone, M. S. (2017). A hierarchical, retinotopic proto-organization of the primate visual system at birth.
3. Baldwin, A. S., Meese, T. S., & Baker, D. H. (2012). The attenuation surface for contrast sensitivity has the form of a witch's hat within the central visual field.
4. Born, R. T., & Bradley, D. C. (2005). Structure and function of visual area MT.
5. Burr, D., & Thompson, P. (2011). Motion psychophysics: 1985--2010.
6. Curcio, C. A., Sloan, K. R., Kalina, R. E., & Hendrickson, A. E. (1990). Human photoreceptor topography.
7. Green, M. L., & Pratte, M. S. (2022). Local motion pooling is continuous, global motion perception is discrete.
8. Hassan, O., Thompson, P., & Hammett, S. T. (2016). Perceived speed in peripheral vision can go up or down.
9. Henriksson, L., Nurminen, L., Hyvarinen, A., & Vanni, S. (2008). Spatial frequency tuning in human retinotopic visual areas.
10. Himmelberg, M. M., & Wade, A. R. (2019). Eccentricity-dependent temporal contrast tuning in human visual cortex measured with fMRI.
11. Himmelberg, M. M., Winawer, J., & Carrasco, M. (2020). Stimulus-dependent contrast sensitivity asymmetries around the visual field.
12. Himmelberg, M. M., Winawer, J., & Carrasco, M. (2023). Polar angle asymmetries in visual perception and neural architecture.
13. Kupers, E. R., Benson, N. C., Carrasco, M., & Winawer, J. (2022). Asymmetries around the visual field: From retina to cortex to behavior.
14. Maloney, R. T., Watson, T. L., & Clifford, C. W. G. (2014). Determinants of motion response anisotropies in human early visual cortex: The role of configuration and eccentricity.
15. Masri, R. A., Grünert, U., & Martin, P. R. (2020). Analysis of Parvocellular and Magnocellular Visual Pathways in Human Retina.

16. Perrone, J. A., & Krauzlis, R. J. (2008). Spatial integration by MT pattern neurons: A closer look at pattern-to-component effects and the role of speed tuning.
17. Roach, N. W., McGraw, P. V., & Johnston, A. (2011). Visual Motion Induces a Forward Prediction of Spatial Pattern.
18. Rovamo, J., & Raninen, A. (1984). Critical flicker frequency and M-scaling of stimulus size and retinal illuminance.
19. Rovamo, J., & Virsu, V. (1979). An estimation and application of the human cortical magnification factor.
20. Scase, M. O., Braddick, O. J., & Raymond, J. E. (n.d.). What is Noise for the Motion System?
21. Sinha, R., Hoon, M., Baudin, J., Okawa, H., Wong, R. O. L., & Rieke, F. (2017). Cellular and Circuit Mechanisms Shaping the Perceptual Properties of the Primate Fovea.
22. Song, H., Chui, T. Y. P., Zhong, Z., Elsner, A. E., & Burns, S. A. (2011). Variation of Cone Photoreceptor Packing Density with Retinal Eccentricity and Age.
23. Spering, M., & Montagnini, A. (2011). Do we track what we see? Common versus independent processing for motion perception and smooth pursuit eye movements: A review.
24. Van De Grind, W. A., Koenderink, J. J., Van Doorn, A. J., Milders, M. V., & Voerman, H. (1993). Inhomogeneity and anisotropies for motion detection in the monocular visual field of human observers.
25. Virsu, V., Rovamo, J., Laurinen, P., & Näsänen, R. (1982). Temporal contrast sensitivity and cortical magnification.
26. Watson, A. B. (2014). A formula for human retinal ganglion cell receptive field density as a function of visual field location.
27. Wilkinson, F., Haque, Y., Or, C. C.-F., Gottlieb, A. S., & Wilson, H. R. (2016). Detection of periodic motion trajectories: Effects of frequency and radius.
28. Wright, M. J., & Johnston, A. (1983). Spatiotemporal contrast sensitivity and visual field locus.
29. Zeki, S. M. (1978). Functional specialisation in the visual cortex of the rhesus monkey.

## Perceptual Decision Making

1. Bitzer, S., Park, H., Blankenburg, F., & Kiebel, S. J. (2014). Perceptual decision making: Drift-diffusion model is equivalent to a Bayesian model.
2. Grossberg, S., & Pilly, P. K. (2008). Temporal dynamics of decision-making during motion perception in the visual cortex.
3. Hanks, T. D., & Summerfield, C. (2017). Perceptual Decision Making in Rodents, Monkeys, and Humans.
4. Heekeren, H. R., Marrett, S., & Ungerleider, L. G. (2008). The neural systems that mediate human perceptual decision making.
5. Khilkevich, A., Lohse, M., Low, R., Orsolic, I., Bozic, T., Windmill, P., & Masic-Flogel, T. D. (2024). Brain-wide dynamics linking sensation to action during decision-making.
6. Liu, T., & Pleskac, T. J. (2011). Neural correlates of evidence accumulation in a perceptual decision task.
7. Radillo, A. E., Veliz-Cuba, A., Josić, K., & Kilpatrick, Z. P. (2017). Evidence Accumulation and Change Rate Inference in Dynamic Environments.
8. Ratcliff, R., & McKoon, G. (2008). The Diffusion Decision Model: Theory and Data for Two-Choice Decision Tasks.
9. Ratcliff, R., Smith, P. L., Brown, S. D., & McKoon, G. (2016). Diffusion Decision Model: Current Issues and History.
10. Roitman, J. D., & Shadlen, M. N. (2002). Response of Neurons in the Lateral Intraparietal Area during a Combined Visual Discrimination Reaction Time Task.
11. Romo, R., & De Lafuente, V. (2013). Conversion of sensory signals into perceptual decisions.
12. Roxin, A. (2019). Drift--diffusion models for multiple-alternative forced-choice decision making.
13. Seijdel, N., Jahfari, S., Groen, I. I. A., & Scholte, H. S. (2020). Low-level image statistics in natural scenes influence perceptual decision-making.
14. Shadlen, M., Britten, K., Newsome, W., & Movshon, J. (1996). A computational analysis of the relationship between neuronal and behavioral responses to visual motion.

15. Shadlen, M. N., & Kiani, R. (2013). Decision Making as a Window on Cognition.
16. Shadlen, M. N., & Newsome, W. T. (1996). Motion perception: Seeing and deciding.
17. Smith, S. M., & Krajbich, I. (2019). Gaze Amplifies Value in Decision Making.
18. Stine, G. M., Trautmann, E. M., Jeurissen, D., & Shadlen, M. N. (2023). A neural mechanism for terminating decisions.

## Gaze and Attention

1. Aivar, M. P., Li, C.-L., Tong, M. H., Kit, D. M., & Hayhoe, M. M. (2024). Knowing where to go: Spatial memory guides eye and body movements in a naturalistic visual search task.
2. Aizenman, A. M., Gegenfurtner, K. R., & Goettker, A. (2024). Oculomotor routines for perceptual judgments.
3. Backen, T., Treue, S., & Martinez-Trujillo, J. C. (2018). Encoding of Spatial Attention by Primate Prefrontal Cortex Neuronal Ensembles.
4. Bargary, G., Bosten, J. M., Goodbourn, P. T., Lawrance-Owen, A. J., Hogg, R. E., & Mollon, J. D. (2017). Individual differences in human eye movements: An oculomotor signature?
5. Boot, W. R., Becic, E., & Kramer, A. F. (2009). Stable individual differences in search strategy?: The effect of task demands and motivational factors on scanning strategy in visual search.
6. Cameron, E. L., Tai, J. C., & Carrasco, M. (2002). Covert attention affects the psychometric function of contrast sensitivity.
7. Carrasco, M., P.Talgar, C., & Cameron, E. L. (2001). Characterizing visual performance fields: Effects of transient covert attention, spatial frequency, eccentricity, task and set size.
8. Chandrasekaran, A. N., Vermani, A., Gupta, P., Steinmetz, N., Moore, T., & Sridharan, D. (2024). Dissociable components of attention exhibit distinct neuronal signatures in primate visual cortex.
9. Dorr, M., Martinetz, T., Gegenfurtner, K. R., & Barth, E. (2010). Variability of eye movements when viewing dynamic natural scenes.
10. Durand, J.-B., Trotter, Y., & Celebrini, S. (2010). Privileged Processing of the Straight-Ahead Direction in Primate Area V1.

11. Holm, S., Häikiö, T., Olli, K., & Kaakinen, J. (2021). Eye Movements during dynamic scene viewing are affected by visual attention skills and events of the scene: Evidence from first-person shooter gameplay videos.
12. Itti, L. (2005). Quantifying the contribution of low-level saliency to human eye movements in dynamic scenes.
13. Itti, L., Koch, C., & Niebur, E. (1998). A model of saliency-based visual attention for rapid scene analysis.
14. Lappi, O. (2016). Eye movements in the wild: Oculomotor control, gaze behavior & frames of reference.
15. Martinez-Trujillo, J. C., & Treue, S. (2004). Feature-Based Attention Increases the Selectivity of Population Responses in Primate Visual Cortex.
16. Meyer, A. F., O'Keefe, J., & Poort, J. (2020). Two Distinct Types of Eye-Head Coupling in Freely Moving Mice.
17. Motoyoshi, I., Ishii, T., & Kamachi, M. G. (2015). Limited attention facilitates coherent motion processing.
18. Navalpakkam, V., & Itti, L. (2007). Search Goal Tunes Visual Features Optimally.
19. Neider, M. B., & Zelinsky, G. J. (2006). Scene context guides eye movements during visual search.
20. Purokayastha, S., Roberts, M., & Carrasco, M. (2021). Voluntary attention improves performance similarly around the visual field.
21. Schuetz, I., Baltaretu, B. R., & Fiehler, K. (2024). Where was this thing again? Evaluating methods to indicate remembered object positions in virtual reality.
22. Spiller, M., Liu, Y.-H., Hossain, M. Z., Gedeon, T., Geissler, J., & Nürnberger, A. (2021). Predicting Visual Search Task Success from Eye Gaze Data as a Basis for User-Adaptive Information Visualization Systems.
23. Treue, S., & Trujillo, J. C. M. (1999). Feature-based attention influences motion processing gain in macaque visual cortex.
24. Wagner, J., Zurlo, A., & Rusconi, E. (2024). Individual differences in visual search: A systematic review of the link between visual search performance and traits or abilities.

## Natural Scenes and Behavior

1. Castet, E., Termoz-Masson, J., Vizcay, S., Delachambre, J., Myrodia, V., Aguilar, C., Matonti, F., & Kornprobst, P. (2024). PTVR -- A software in Python to make virtual reality experiments easier to build and more reproducible.
2. Doshi, J. B., Sarver, E. J., & Applegate, R. A. (2001). Schematic Eye Models for Simulation of Patient Visual Performance.
3. Greene, A. S., Horien, C., Barson, D., Scheinost, D., & Constable, R. T. (2023). Why is everyone talking about brain state?
4. Isherwood, Z. J., Clifford, C. W. G., Schira, M. M., Roberts, M. M., & Spehar, B. (2021). Nice and slow: Measuring sensitivity and visual preference toward naturalistic stimuli varying in their amplitude spectra in space and time.
5. Jun, J. J., Steinmetz, N. A., Siegle, J. H., Denman, D. J., Bauza, M., Barbarits, B., Lee, A. K., Anastassiou, C. A., Andrei, A., Aydın, Ç., Barbic, M., Blanche, T. J., Bonin, V., Couto, J., Dutta, B., Gratiy, S. L., Gutnisky, D. A., Häusser, M., Karsh, B., ... Harris, T. D. (2017). Fully integrated silicon probes for high-density recording of neural activity.
6. Livingstone, M. S., Vincent, J. L., Arcaro, M. J., Srihasam, K., Schade, P. F., & Savage, T. (2017). Development of the macaque face-patch system.
7. Mathis, A., Mamidanna, P., Cury, K. M., Abe, T., Murthy, V. N., Mathis, M. W., & Bethge, M. (2018). DeepLabCut: Markerless pose estimation of user-defined body parts with deep learning.
8. Matthis, J. S., Muller, K. S., Bonnen, K. L., & Hayhoe, M. M. (2022). Retinal optic flow during natural locomotion.
9. Meer, J. N. V. D., Breakspear, M., Chang, L. J., Sonkusare, S., & Cocchi, L. (2020). Movie viewing elicits rich and reliable brain state dynamics.
10. Miller, C. T., Gire, D., Hoke, K., Huk, A. C., Kelley, D., Leopold, D. A., Smear, M. C., Theunissen, F., Yartsev, M., & Niell, C. M. (2022). Natural behavior is the language of the brain.
11. Parker, P. R. L., Abe, E. T. T., Leonard, E. S. P., Martins, D. M., & Niell, C. M. (2022). Joint coding of visual input and eye/head position in V1 of freely moving mice.
12. Stringer, C., Pachitariu, M., Steinmetz, N., Reddy, C. B., Carandini, M., & Harris, K. D. (2019). Spontaneous behaviors drive multidimensional, brainwide activity.