Kersten Computational Vision Lab

Lab Overview

The Computational Vision Lab combines computational theory with behavioral and brain image experiments to understand how we see the world around us.

Welcome! You can learn who we are and read more about our research and publications.

Selected publications

Kersten, D., Mamassian, P., & Yuille, A. (2004). Object perception as bayesian inference. *Annu. Rev. Psychol.*, *55*, 271–304. https://doi.org/10.1146/annurev.psych.55.090902.142005

Yuille, A., & Kersten, D. (2006). Vision as bayesian inference: Analysis by synthesis? *Trends in Cognitive Sciences*, *10*(7), 301–308. https://doi.org/10.1016/j.tics.2006.05.002

Murray, S. O., Kersten, D., Olshausen, B. A., Schrater, P., & Woods, D. L. (2002). Shape perception reduces activity in human primary visual cortex. *Proceedings of the National Academy of Sciences*, *99*(23), 15164–15169. https://doi.org/10.1073/pnas.192579399

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