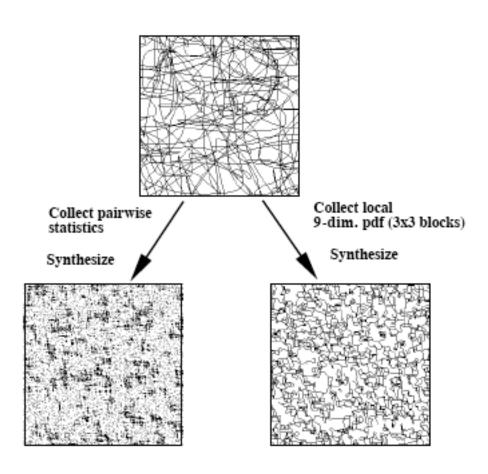
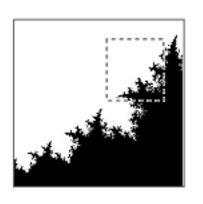
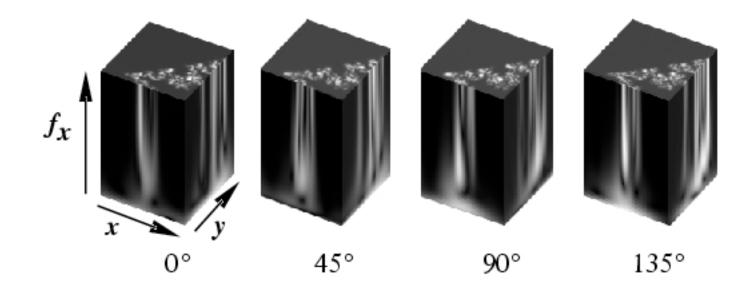
Orientation requires higher-order (more than pairwise) statistics to characterize



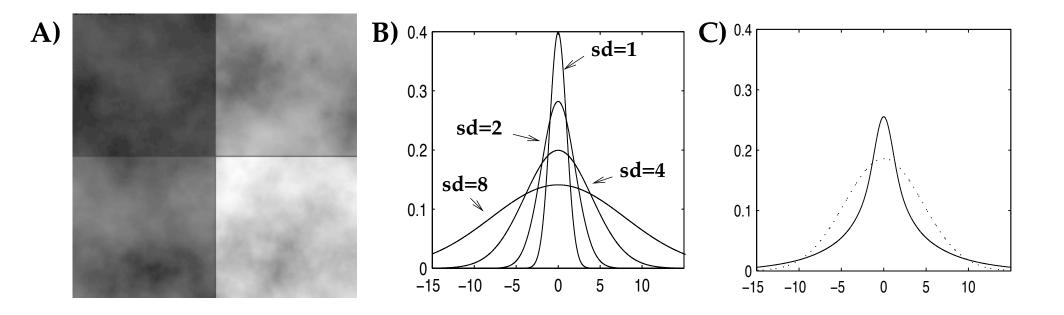
Scale-space depiction of a 2D contour



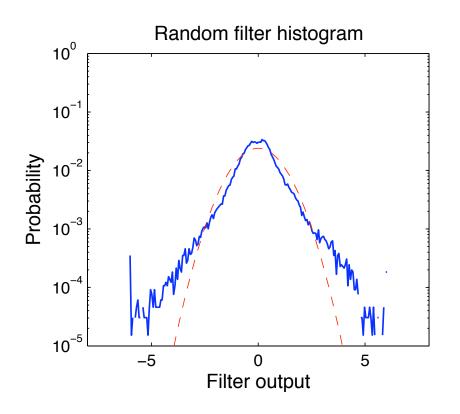


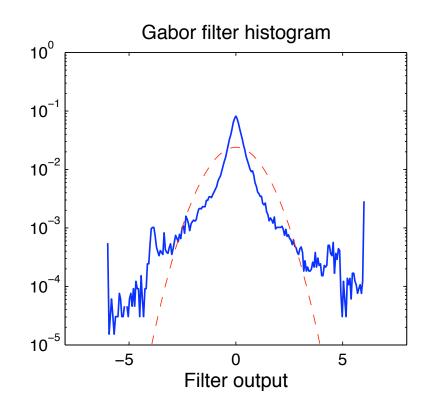
Searching for filters with 'interesting' output distributions: an uninteresting direction to explore?

Baddeley (1996) Network 7, 409-421



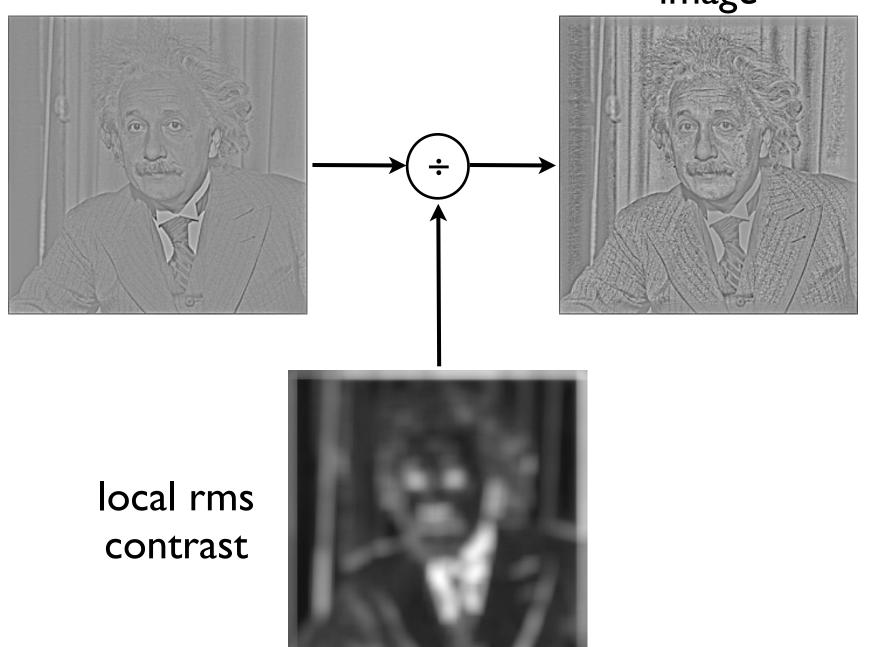
Filter response histograms for a whitened image



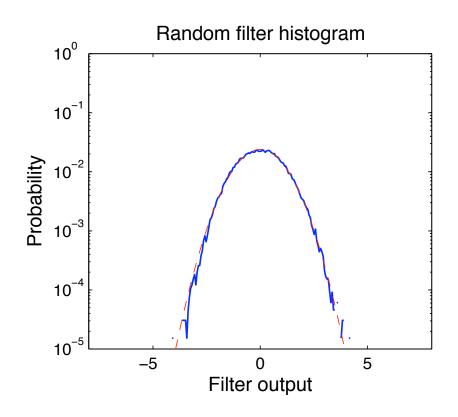


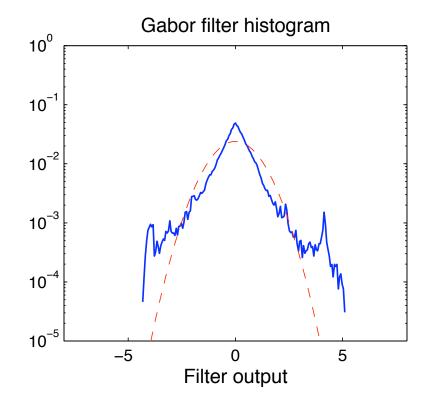
whitened image

contrast normalized image

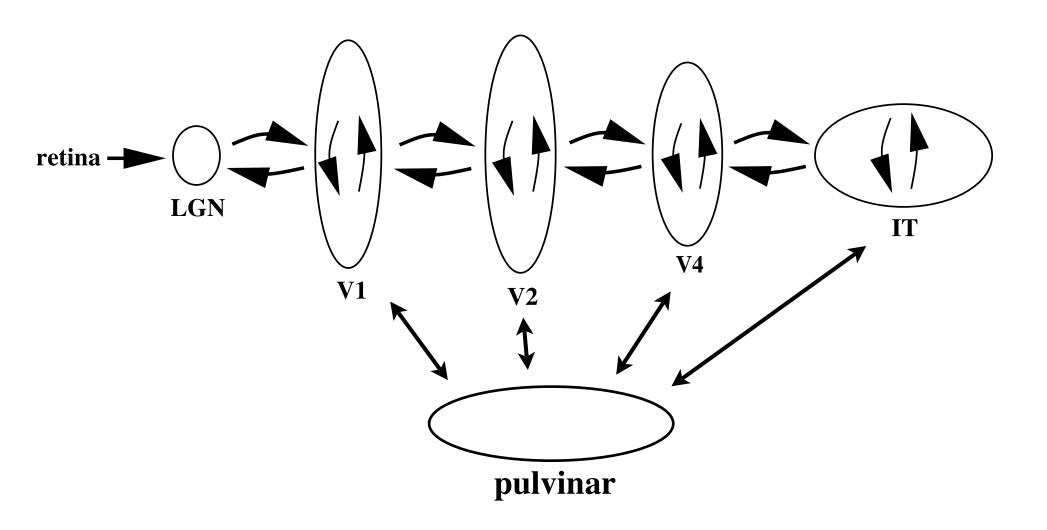


Filter response histograms for a contrast normalized image

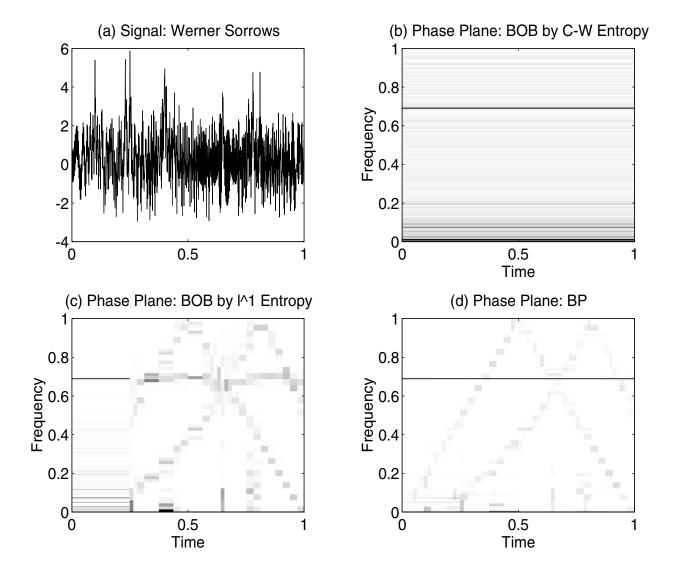




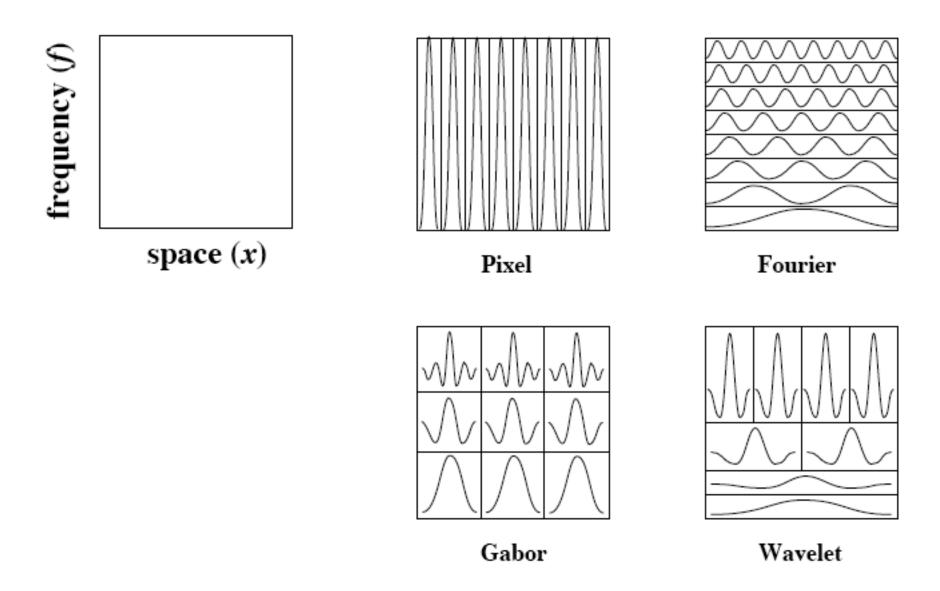
Recurrent computation is pervasive throughout cortex



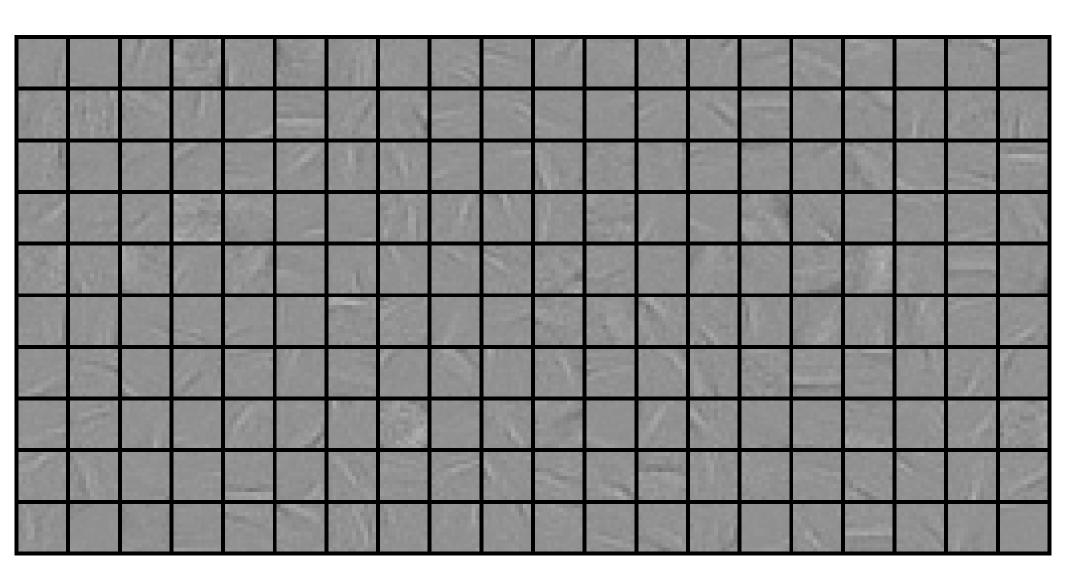
S. S. CHEN, D. L. DONOHO, AND M. A. SAUNDERS



Scale space (or "phase space")



Learned basis space-time basis functions (200 bfs, 12 x 12 x 7)



Sparse coding and reconstruction



