

Appendix

Application to Natural Image Patches

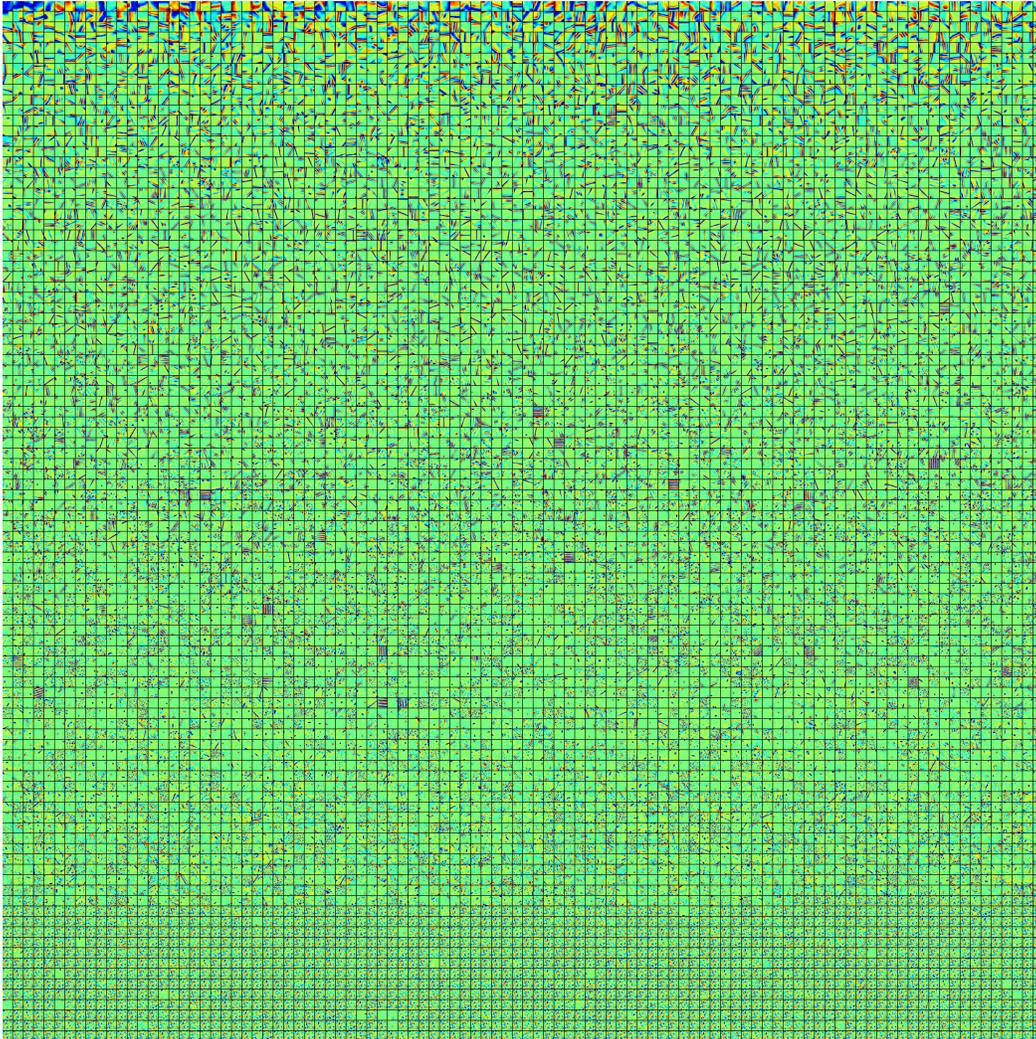


Figure 4: Image of all generative fields after S5C was applied with $H = 10\,000$. Latent components \bar{W}_h learned by the S5C algorithm. The components are sorted from left to right and top to bottom with respect to their posterior probabilities averaged over data points.

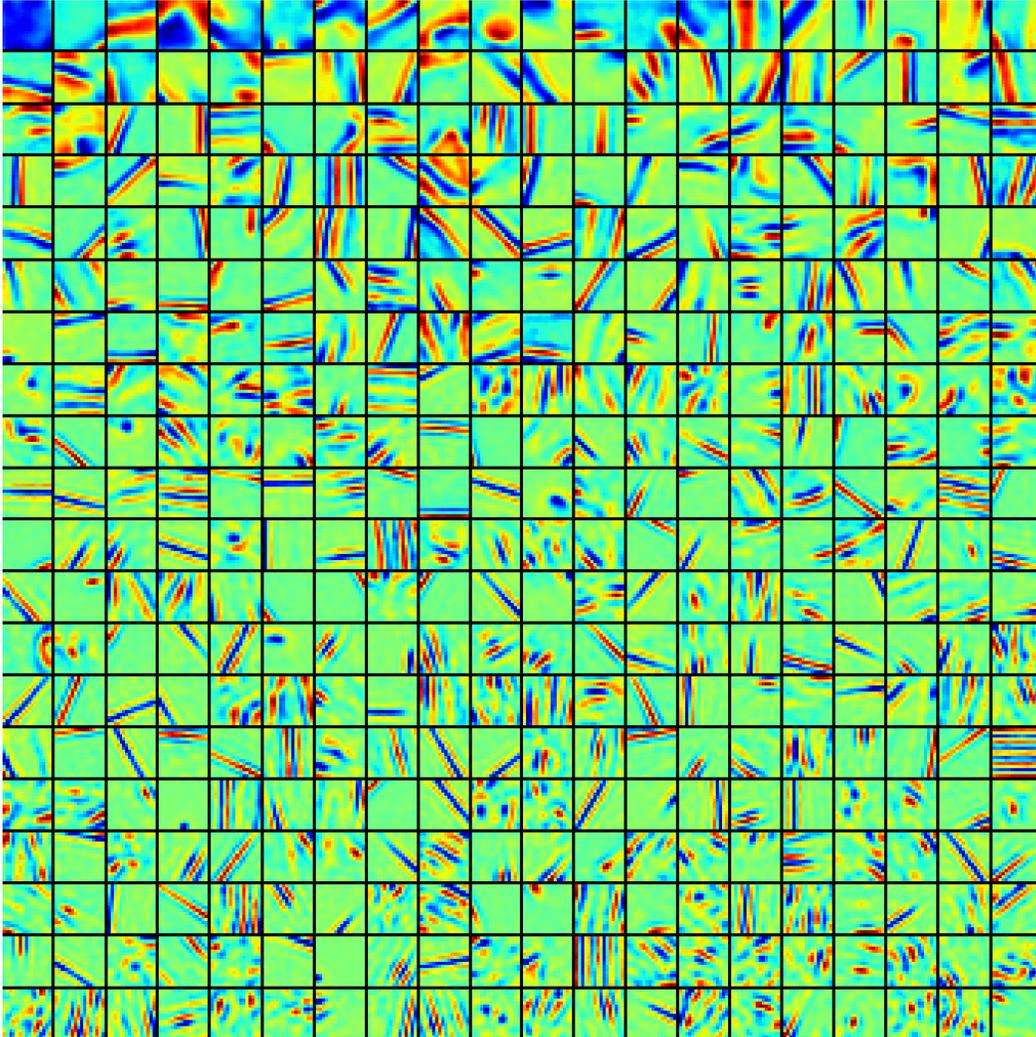


Figure 5: 400 of the 10 000 generative fields randomly selected for increase readability. Out of $H = 10\,000$ learned components, we pick every 4th component for display starting with the most frequently activated fields. Here we show the first 400 such fields.