

a) Optimized kernels

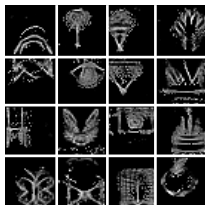
multichannel, unconstrained

accuracy = 0.7591



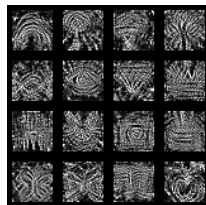
multichannel, nonneg.

accuracy = 0.7786



tilted kernels, nonneg.

accuracy = 0.7216



large kernel, nonneg.

accuracy = 0.7345



b) Phase mask optimization for large kernel

phase mask

rad.

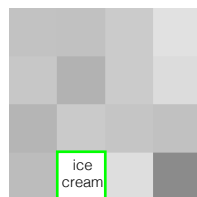
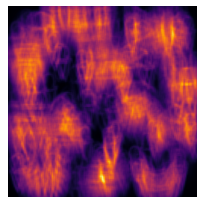
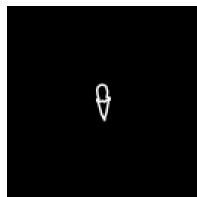
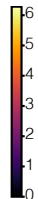
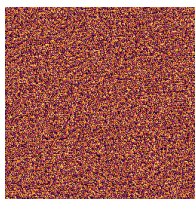
PSF

I_{in}

I_{out}

relative scores

two-step,
acc. = 0.7008



end-to-end,
acc. = .6221

