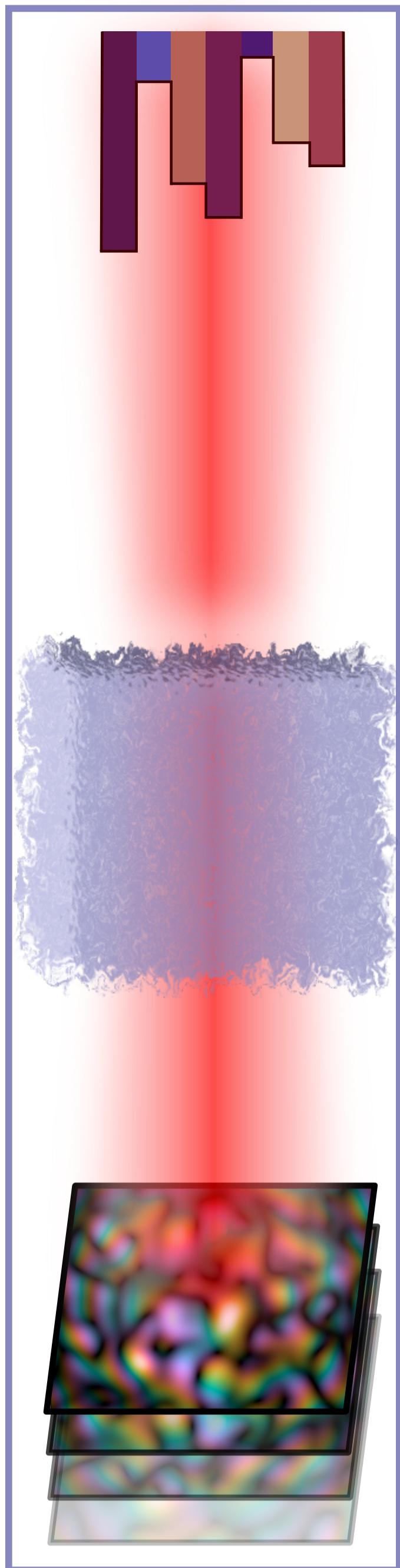


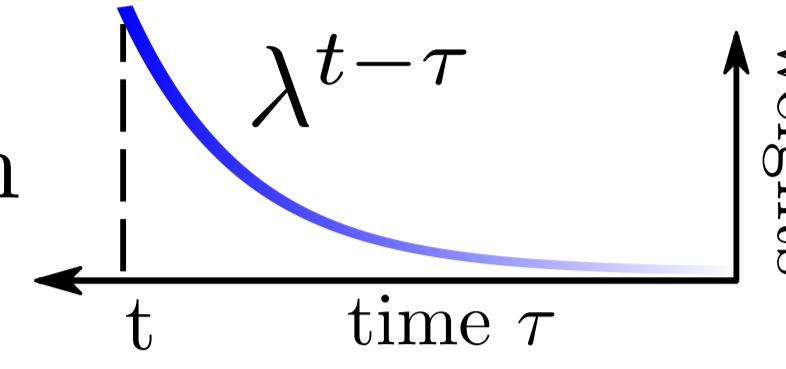
(a) Recursive least-squares estimation of the dynamic transfer matrix



Input fields a_t
(modulated in
amplitude
and/or phase)



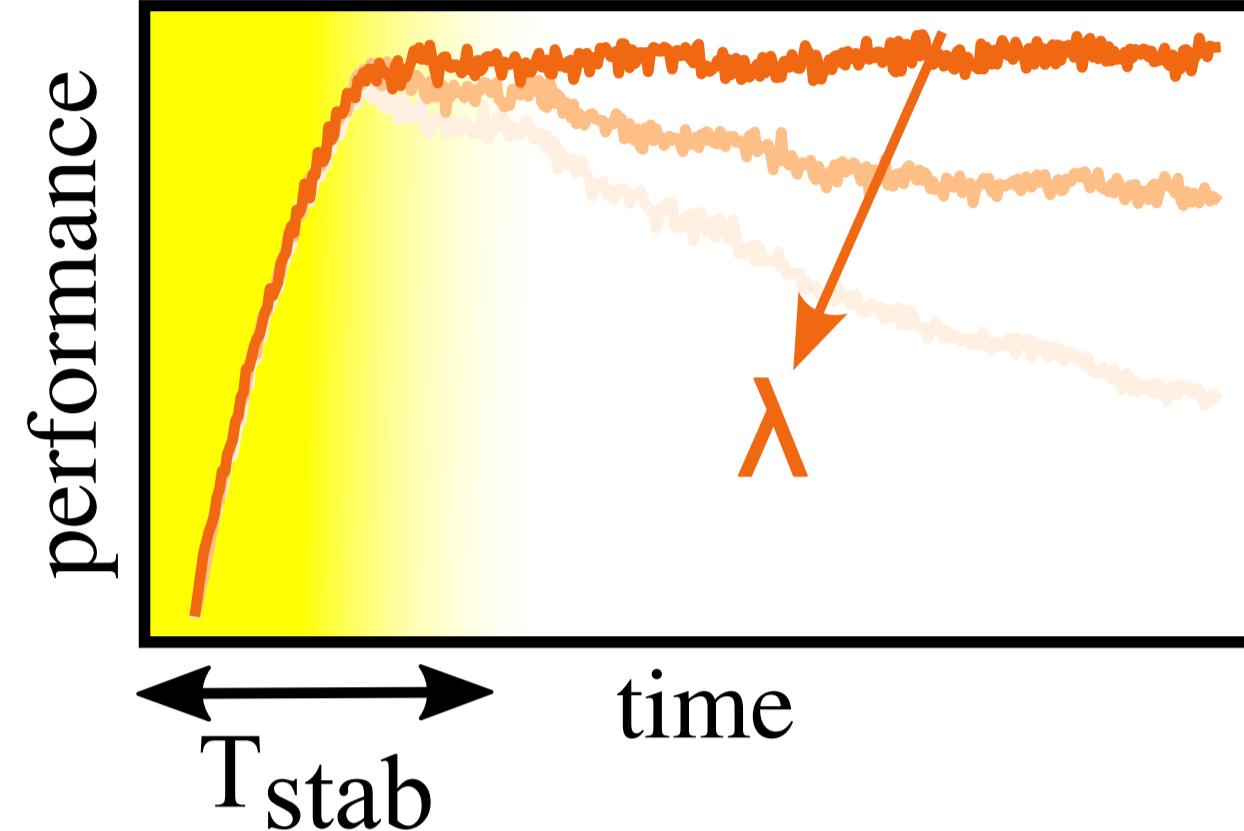
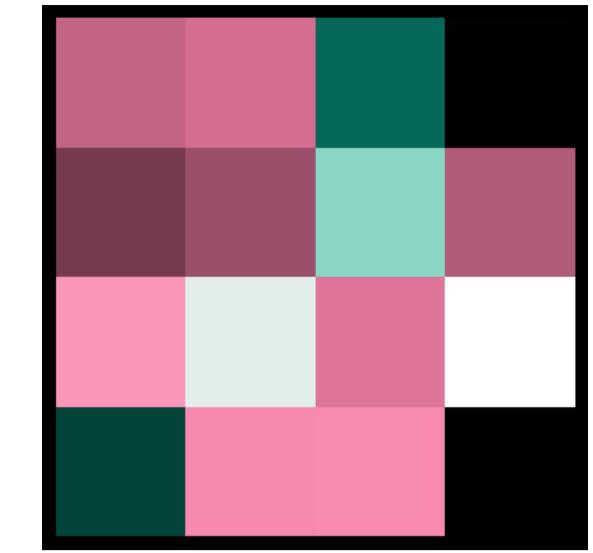
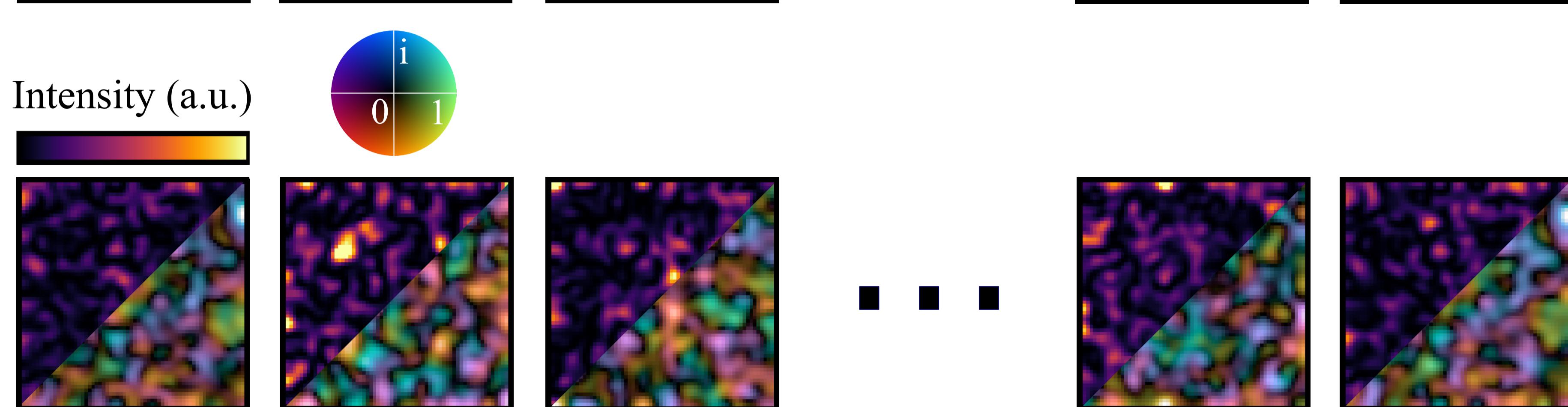
Recursively solve $\min_{\mathbf{X}_t} \sum_{\tau=1}^t (\lambda^{t-\tau} \|\mathbf{y}_\tau - \mathbf{X}_t \mathbf{a}_\tau\|^2) + \delta \lambda^t \|\mathbf{X}_t\|_F^2$, with



Dynamic transfer
matrix \mathbf{X}_t

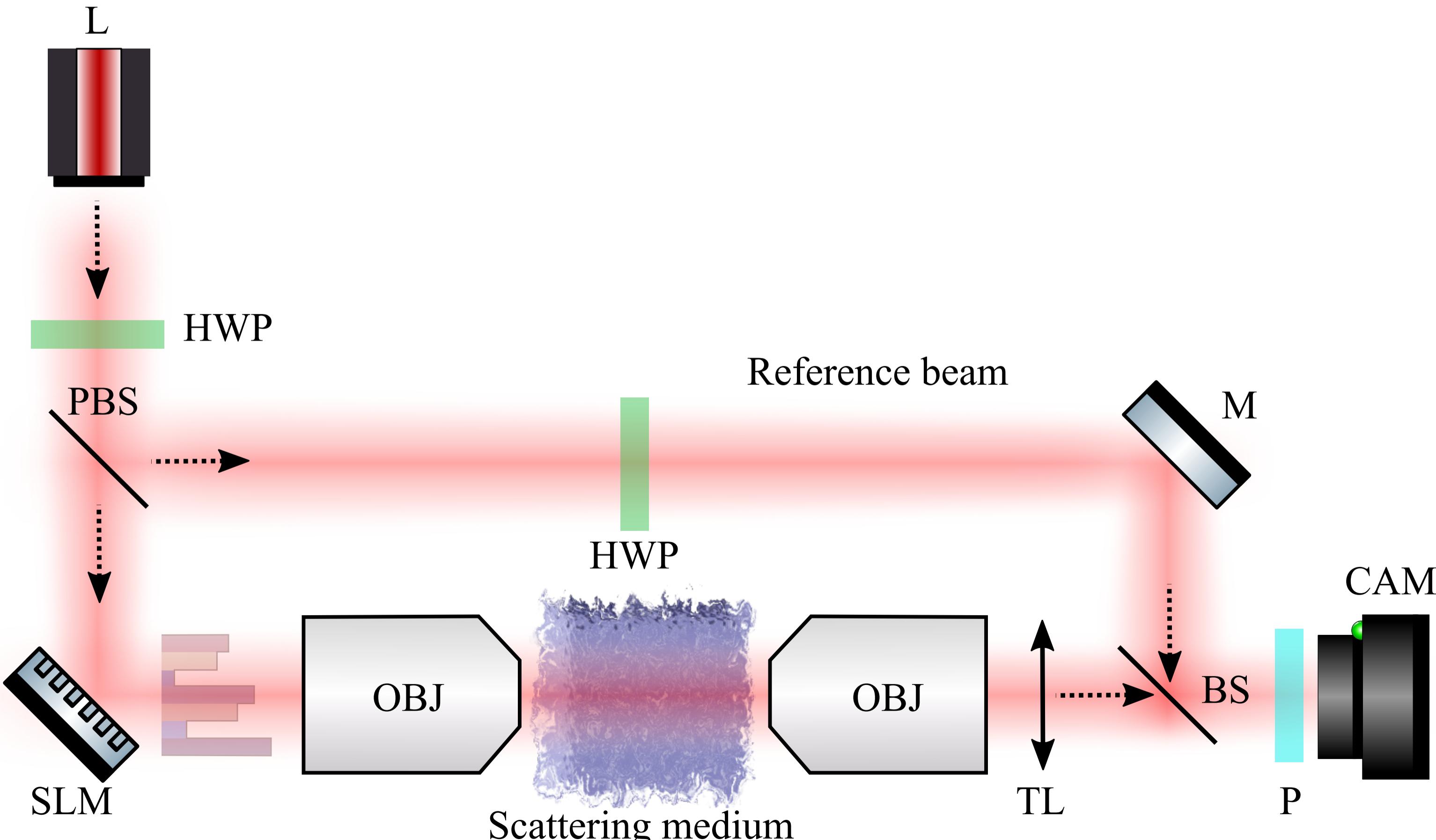


Output patterns \mathbf{y}_t
(complex or
intensity-only)



(c) Experimental implementations

Transmission mode



OCT-like mode

