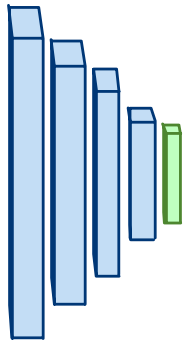


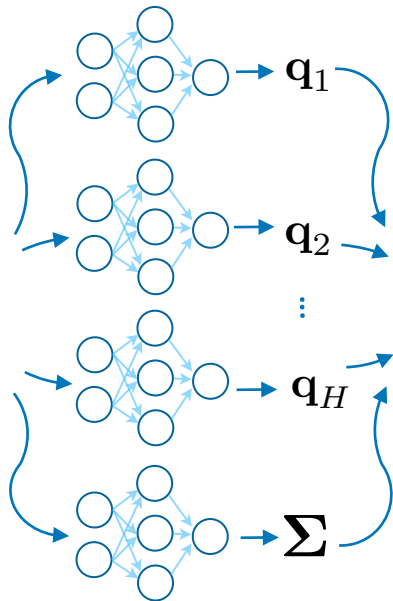
images



optical flow



CNN



$\bar{\mathbf{q}}, \Sigma_q$

$\text{SO}(3)$
with covariance