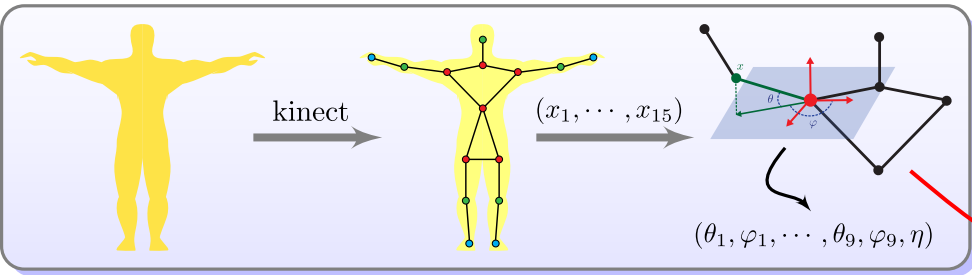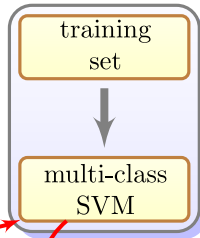pose descriptor extraction

key pose
learning machine

kinect

$(x_1, \cdots, x_{15})$

$(\theta_1, \varphi_1, \cdots, \theta_9, \varphi_9, \eta)$

training set

multi-class SVM

key pose