```
learnPolicy
                               7 Find \theta^* \in \arg\min_{\theta} J(\theta)
minimize
                               \Box Compute J(\theta) = \sum_{t=1}^{T} E[c(\mathbf{x}_t)|\theta]
     value
         propagate
                                                                                    Policy Evaluation
                                                                                                                Policy Search
                                   Compute p(\mathbf{x}_{t+1}|\theta)
              controller
              gp*
                               7 Compute E[c(\mathbf{x}_{t+1})|\theta]
         cost.fcn
                                   Update \theta
                                                                                    Policy Improvement
     BFGS
```