Learning

Partially Observable Environment

↓

Observations {abc,acb,bca,a}

↓

Select Σ' {a,b,cb,bca}

↓

Offline

Query String

M-PSR

Online

New Observation

abcacb

abcac,b

↓

Encode String

DP Lookup

State Update

a-bca-cb

α_{abcacb}

↓

$f_A(x)$

0.125