```
1: Identify explicit and latent concepts
2: Randomly initialize the feature weights vector ($\mathbf{w}_\phi$)
3: for $j = 1 : j_{max}$ do
4:     Randomly shuffle $\mathbf{w}_\phi$
5:     for $n = 1 : N$ do
6:         for each sampling policy do
7:             Sample $E^{n,j}(w_\phi^n)$
8:             Obtain $\tilde{E}^{n,j}(w_{\phi,m}^n)$
9:             Obtain the optimum point $\hat{w}_\phi^n$
10:            Update $n$-th element of $\mathbf{w}_\phi$ by $\hat{w}_\phi^n$
11:        end for
12:    end for
13:    if Convergence then
14:        Break
15:    end if
16: end for
```