

Progress Report

2010/07/30

Reporter:黃重翔

Professor:陳嘉平

Progress preview

- 用Octave（在linux上運行的仿MatLab軟體）執行htk_on_matlab的ToolBox
- 測試GMM training的程式能否計算正確結果

- `train_gmm_htk`: 設定為做一個state的hmm
- `train_hmm_htk`: 用呼叫htk資料夾下的指令（`HCompv`, `HRest...`）產生出training data
- `kmeans`: 產生hmm要用的資料初始值
- GMM結構：
 - `gmm.nmix`: no. of mixture components
 - `gmm.priors`: array of prior log probabilities over each state
 - `gmm.means`: matrix of means
 - `gmm.covars`: matrix of covariance

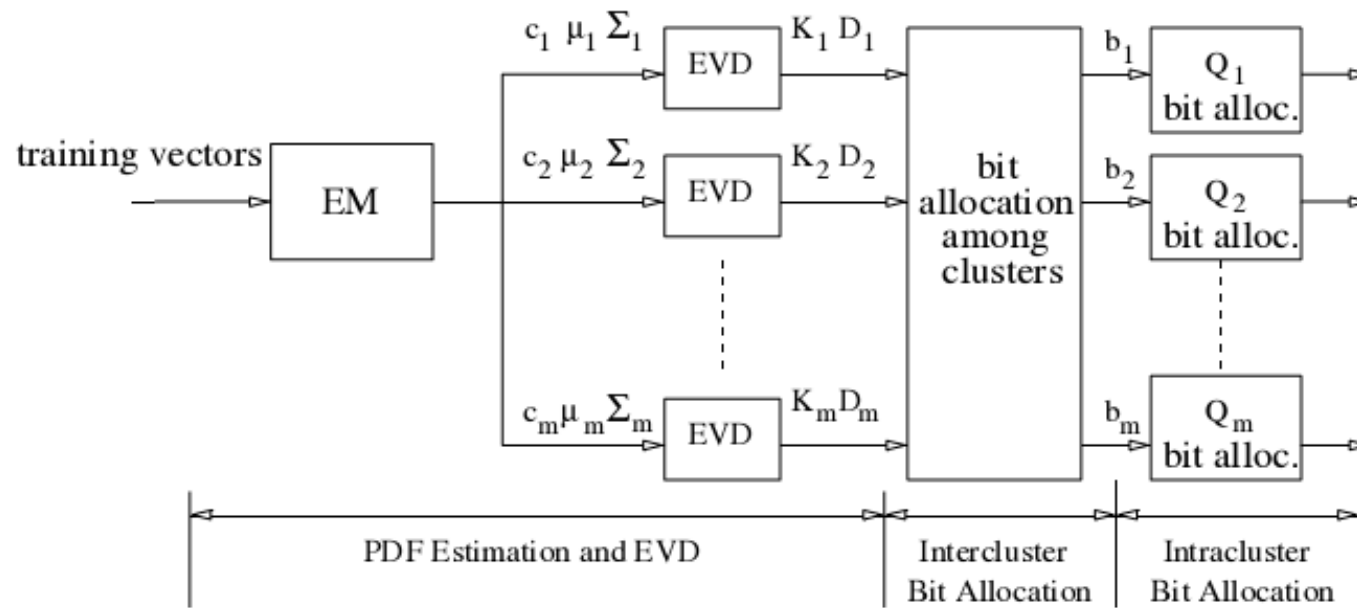


Fig. 2. PDF estimation and bit allocation from training data.

