HTK from HTKBook.pdf to HInit.c Code, Verification using real data

# @todo, viterbi training?

$pwd

/home/joesmart/RESEARCHS/htkbook\_to\_c\_code/scripts

../../neural\_network\_shmm/htk\_35/HTKTools/HInit -T 3 -m 1 -M hinitoutput VOI arctic\_a0001.mfc

Initialising HMM VOI . . .

States : 2 3 4 (width)

Mixes s1: 1 1 1 ( 39 )

Num Using: 0 0 0

Parm Kind: MFCC\_D\_A\_Z\_0

Number of owners = 1

SegLab : NONE

maxIter : 20

epsilon : 0.000100

minSeg : 1

Updating : Means Variances MixWeights/DProbs TransProbs

- system is PLAIN

322 observations loaded from arctic\_a0001.mfc

1 Observation Sequences Loaded

Starting Estimation Process

Iteration 1: Average LogP =-29415.41797

Iteration 2: Average LogP =-29252.76953 Change = 162.64844

Iteration 3: Average LogP =-29247.36133 Change = 5.40820

Iteration 4: Average LogP =-29247.36133 Change = 0.00000

Estimation converged at iteration 5

Output written to directory hinitoutput

# Initial

3/2/2018 9:41:21 PM

htkbook\_to\_c\_code/scripts/all.sh

3/1/2018 10:13:29 PM  
Project dir. Created ~/RESEARCHS/htkbook\_to\_c\_code/  
HInit.c