

HQSYN16 - Task #4248

Task # 3676 (New): RA3a - Context definition and penalisation matrix

Data-based context penalization matrix

21.09.2017 08:13 - Matoušek Jindřich

Status:	New	Start date:	21.09.2017
Priority:	Normal	Due date:	31.12.2017
Assignee:	Vít Jakub	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:	RA3: Phonetically justified parameters for speech synthesis		

Description

Propose data-based context penalization matrix.

The idea:

Use a similarity matrix in the range $<0; 1>$ instead of the phonetic context of type 0/1.

The key is to propose a function which will automatically return a similarity number (0 = identical, 1 = dissimilar) of two diphones/phones. The function should be trained from data.