

HQSYN16 - Task #4340

Task # 4329 (Closed): Dílčí zpráva 2017

Task # 4330 (Closed): Část DC - rozbor řešení (ZČU)

Popis řešení projektu - část RA4b) - Statistical parametric speech synthesis

28.11.2017 10:41 - Matoušek Jindřich

Status:	Closed	Start date:	28.11.2017
Priority:	Normal	Due date:	15.12.2017
Assignee:	Matoušek Jindřich	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:	RAx: Administration		

Description

Vypracovat popis řešení projektu - část [RA4b](#) ("Statistical parametric speech synthesis"):

- optimalizace stavů HMM (TSD2017)
- experimenty s vokodérem
- HMM vs. DNN v klasické statistické parametrické syntéze

Počet znaků: cca 250

History

#1 - 28.11.2017 10:45 - Matoušek Jindřich

- Description updated

#2 - 14.12.2017 16:35 - Hanzlíček Zdeněk

- Status changed from New to Resolved

- Assignee changed from Hanzlíček Zdeněk to Matoušek Jindřich

(je to trochu víc než 250 znaků)

- In the HMM-based speech synthesis, the number of states is usually equal for all models. We performed experiments with a variable number of states, optimal for particular models.
- An experimental comparison of several speech analysis-synthesis methods (STRAIGHT, GlottHM, Ahocoder and WORLD) was performed.
- We also performed a comparison of using HMM and DNN in the statistical parametric speech synthesis framework.

#3 - 14.12.2017 17:58 - Matoušek Jindřich

- Status changed from Resolved to Closed

- % Done changed from 0 to 100