

## 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

<b>Status:</b>	Closed	<b>Start date:</b>	28.11.2017
<b>Priority:</b>	Normal	<b>Due date:</b>	15.12.2017
<b>Assignee:</b>	Matoušek Jindřich	<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	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