

was no way to use (say) the vowels of one ISM and the consonants of another ISM. In a more flexible tuning-in scheme, an individual speaker-mixture can be selected for each phone independently, conception to the speaker-adaptive this approach.

4. EXPERIMENTS

Aph Data

The 3 males and 3 females speakers listed in Table 1 were used to train and test the four different architectures. There

2 INVEDOMIS HEUS

Dependent (CMU Al ph Data) |
n 40/200 test sentences/wrd
ar
DN

t t a s k s . F o r **s p a k e r**
, we used the CMU "Al ph - Data" ,
with 1 0 0 0 s e n t e n c e s (i . e . c o n t i n u o u s l y s p e l l e d s t r i n g s
o f l e t t e r s i n o u r c o n t e x t) f r
f e m a

MULTI-SPEAKER/SPEAKER- INDEPENDENT ARCHI TECTURES FOR THE MULTI - STATE TIME DELAY NEURAL NETWORK

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ABSTRACT

In this paper we present an improved Multi - State Time Delay Neural Network (MS-TDNN) f
independent,