NEURAL AND STATISTICAL MODELS FOR SPEECH RECOGNITION

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The developed ASRS_RL (Automatic Speech Recognition System for Romanian Language)

Database for parameterization

Continuous Database for Romanian Language

Digit Database for Romanian Language

Vowel Database for Romanian Language

Model

Hidden Markov Models (HMM)

- Continuous
- Digit
- Vowel

Multilayer Perceptron (MLP)

- Vowel

Hybrid system (HHM and MLP)

- Digit

Results