

Voice recognition from isolated words to practical solutions

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I am going to present the achievements in speech recognition made under the supervision of Prof. Saeed, starting from the earliest experiments with isolated words identification, through simple security systems, ending with continued speech recognition and its possible real application. The developed algorithms mainly treat the speech as an image based figure, and compare the performance of such techniques with other approaches. The used databases are mostly collected individually to reflect the real case situations. Intensive further developments are planned in the next few months.