Abstract

Speech recognition system is a natural way for the interaction of human to machine. Automatic Speech Recognition is advance way to operate computer without much efforts through speech only. In this paper survey related to Indo Aryan languages usage for communicating directly with the machine has been performed. This mechanism includes various techniques and experimental results. Speech Recognition system is implemented for English, French, Spanish, German, Japanese and Chinese. Only little work has been performed for Indo-Indian languages like Gujarati, Marathi, Hindi, Tamil etc. Speech to Text is an emerging research area due to complexity and various frameworks of Indo-Aryan languages.

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Index Terms

Computer Science
Signal Processing

Keywords

Speech Recognition, Gujarati, Indo-Aryan language, Speaker Independent.