**An overview of Spoof Detection in ASV Systems**

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**Abstract**

In current years, voice based application are used broadly in varied applications for speaker recognition. By and by, there is a wide work in the investigation of parodying and against mocking for Automatic Speaker Verification (ASV) framework. The current advancement within the ASV system ends up interest to secure these voice biometric systems for existent world applications. This paper provides the literature of spoofing detection, novel acoustic feature representations, deep learning, end-to-end systems, etc. moreover, it conjointly summaries previous studies of spoofing attacks with stress on SS, VC, and replay alongside recent efforts to develop countermeasures for spoof speech detection and speech sound disorder tasks.



**Fig.1.** Comparative on Various Speakers.

Table 1.

|  |  |  |  |
| --- | --- | --- | --- |
| Speakers | Known |  Unknown |  |
| Sp1 | 32.55 |  40.33 |  |
| Sp2 | 2.66 |  3.11 |  |
| Sp3 | 40.29 |  26.77 |  |

**Advantages of spoofing system**

System is very compact.

System is very comfortable to the person and useful for cybercrime department.

Handicapped person can use the system with voice independently.

To avoid the speech deep fakes.

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