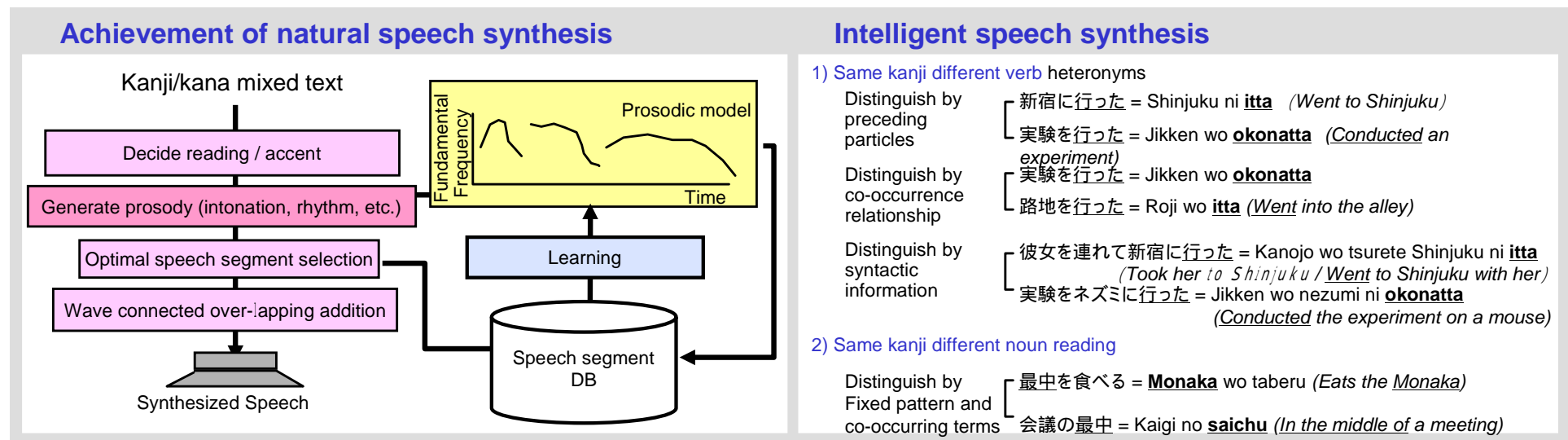


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Development of natural and intelligent speech synthesis technology for PA systems - capable of distinguishing readings for Japanese ideographic characters according to context -



The Central Research Laboratory of Hitachi, Ltd. has developed speech synthesis technology which enables high-quality almost human speech PA (public address) announcements to be produced by inputting kanji/kana mixed texts. This system allows synthetic speech announcements and messages, which change frequently in contents, to be created easily and at low-cost.

The next step will be to increase convenient features such as voice type variations to adapt it to a wide range of applications. E.g. announcements in train stations, airports, public facilities, department stores, amusement parks, office, etc.; reading e-books and newspapers; BGM reading of the news or stock prices, etc.