**CULEX™ and CUPDICT™** are two important lexical resources for the research and development of Cantonese spoken language technologies. CUPDICT™ is a collection of Cantonese pronunciations for isolated Chinese characters. It forms the baseline of a number of Cantonese lexical resources, including the CULEX™. The CULEX™ is a large collection of Chinese words with Cantonese pronunciations provided. This is useful for a wide range language technologies such automatic word identification, pronunciation lookup, speech recognition, text-to-speech synthesis, etc.

**Description:**

**CULEX™ (Version 1.0): Cantonese Pronunciation Lexicon**
- pronunciation lexicon covering more than 40,000 Cantonese words
- words extracted from a wide range of sources
- verified phonemic transcriptions in LSHK scheme are provided
- multiple pronunciations for homographs are provided wherever applicable
- essential for a wide range of R&D work in computer interface, speech and language technologies

**CUPDICT™ (Version 1.0): Cantonese Pronunciation Dictionary**
- covers 10,000 Chinese characters in BIG5 encoding
- verified phonemic transcriptions in LSHK scheme are provided
- multiple pronunciations for homographs are provided wherever applicable
- reference has been made from two legitimate Cantonese pronunciation dictionaries
- subsequent results are manually verified and enhanced by experts
- essential for a wide range of R&D work in computer interface, speech and language technologies

**Deliverables:**

CULEX™ and CUPDICT™ 1 Floppy Disk

**License Fee:**

- Industrial Research HK$ 8,000
- Academic Research HK$ 4,000
- Commercial Use HK$ 30,000

**CONTACT**

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