

# 廣東話發音詞彙及字表

## Cantonese pronunciation lexicon and dictionary

**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

Interested parties are welcome to contact the Department of Electronic Engineering, the Chinese University of Hong Kong, Hong Kong, for further information.

Attention: Prof. Tan LEE

Address: Department of Electronic Engineering, the Chinese University of Hong Kong, Shatin, Hong Kong SAR, China

Fax: (852) 2603 5558

Email: tanlee@ee.cuhk.edu.hk

Webpage: <http://dsp.ee.cuhk.edu.hk/html/cucorpora.html>

# CULEX™ & CUPDICT™

