A QBSH SYSTEM BASED ON THREE-LEVEL MELODY REPRESENTATION

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ABSTRACT
This extended abstract briefly describes the ThinkIT Speech Lab’s submission to the query-by-singing/humming task of MIREX 2007. Our system adopts a three-level framework for retrieving the target song. In such framework, different searching stages employ different melody representations, including acoustic representation for melody scoring, symbolic representation for melody filtering and sentence representation for melody indexing.

1 TASK DESCRIPTION
To be finished.

2 SYSTEM OVERVIEW
To be finished.

3 MELODY REPRESENTATION AND SEARCHING STRATEGY
To be finished.

3.1 Acoustic Level
To be finished.

3.2 Symbolic Level
To be finished.

3.3 Sentence Level
To be finished.

4 RESULTS
To be finished.

5 ACKNOWLEDGEMENT
To be finished.