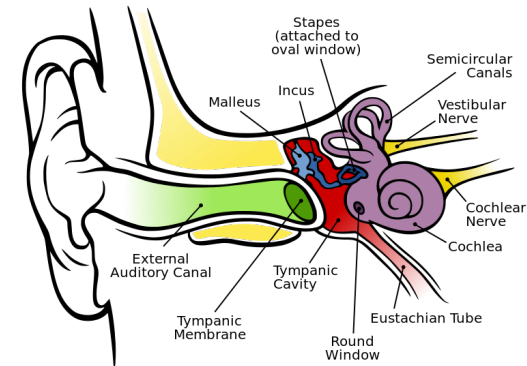# An Audio Watermarking Scheme Based on Singular-Spectrum Analysis

J. Karnjana, M. Unoki, P. Aimmanee, C. Wutiwiwatchai

- Simple listening test: A 🔊, B 🔊

- What is audio watermarking?

  - Is it easy to fool our ears?

- Techniques we used:

  - Singular-Spectrum Analysis

  - Differential Evolution

- How much improvement DE made?

REQUIREMENTS

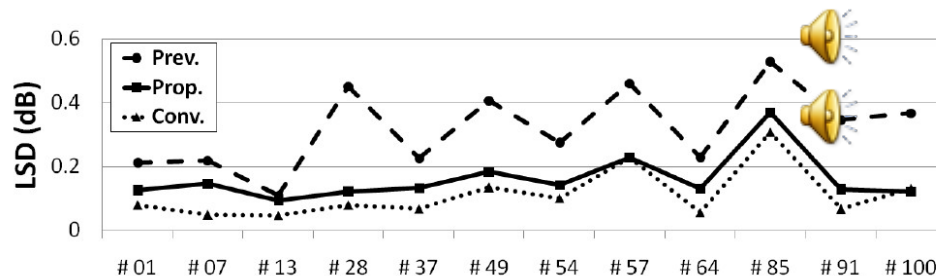|	
Inaudibility	Security
Robustness	Capacity
Blindness	

Image Source: Wikipedia (Ear)