

# Applying Sound to Enhance The Comprehension of Sorting Algorithms

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## ABSTRACT

Computer has been successfully used as learning aid systems for the past few years. The learning systems are designed in such a way that they are easy to use and effectively convey information. Many researchers have been trying to enhance the design of the learning systems. For example, using color [8] or animation [14, 15, 16]. In this paper, we try to apply sound to enhance the learning system, more specifically to enhance the comprehension of sorting algorithms. We believe that with the combination of sound, color and animation, we can convey information more effectively in a learning system. We have conducted an experiment to test the learning system, and the study's result indicate that sound do assist students in learning.

## Keywords

Algorithm Animation, Information Visualization.