

# CS540 Practice Assignment 7

Dustin Ingram, Aaron Rosenfeld, Tom Wambold

December 9, 2011

## 1 Tasks

1. Implement and time a vector version of W\_4 using sse2.
2. Implement and time a vector version of W\_8 using sse.
3. Implement and time a vector version of the recursive WHT algorithm.

## 2 Results

### 2.1 Timings for vectorized W\_4, W\_8 and Recursive

