

# Introduction to Algorithm Engineering

Spring 2022

## Homework 2

Issue Date: March 8, 2022

Due Date: March 13, 2022

1. Implement the blocked version and a non-blocked version of the matrix multiplication algorithm as discussed in class. For very large data sets, plot the time taken with respect to the input size, and also with respect to the number of levels that your program blocks for. Write down your observations.  
**(16 points)**

**CO-1, CO-3**