

15-418/618

Assignment 1

Solution

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You should plan to generate a document reporting your results for the five problems. This one was created using the \LaTeX document preparation system, but you are free to use whatever method you like. The final version should be in a file named `report.pdf`.

- 1 Problem 1: Parallel Fractal Generation Using Pthreads**
- 2 Problem 2: Vectorizing Code Using SIMD Intrinsics**
- 3 Problem 3: Using Instruction-level Parallelism in Fractal Generation**
- 4 Problem 4: Parallel Fractal Generation Using ISPC**
- 5 Problem 5: Iterative Square Root**