Exam 1

Author: Gabriel Hofer

Course: CSC-410 Parallel Computing

Instructor: Dr. Karlsson

Due: October 19, 2020

Computer Science and Engineering
South Dakota School of Mines and Technology

Floyd's algorithm:

Listing 1: Floyd's Algorithm

```
for k in range(0,n):
    for i in range(0,n):
        for j in range(0,n):
            A[i,j] = min(A[i,j], A[i,k] + A[k,j])
```

Description of Programs

insert correctness testing code.

Algorithms and Libraries

Functions and Program Structure

CUDA

OpenMP

Testing and Verification

Charts and Analysis

Deliverables

1. Makefile

2. cuda.cu

3. openmp.c

4. exam1.pdf

1