

week-22

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2024/1/11

1 INTORDUCE

This week's work is as follows:

This week, I continued to try optimizing index pre computation. I tried optimizing index pre computation in conv5, 6, 8, 10, 11, and 12, and the improvement between them was about 4000Gflops. The main optimizations added this week include using vectors to read data and index pre computation. Last week, I also tried using vectors to read data in conv1, 2, 3, and 7, but found that the correctness of last week's code was still problematic. When running conv3 multiple times in the same program, errors would occur in its correctness. We are still searching for the cause of the problem