Module 2: Dense Algorithms - Quiz-Chapter-1

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Chapter 1

Quiz

1.1 Questions

1. Give two examples other than the one given above for pipelined vector processors.

2. Give examples for processor arrays.

3. Suppose a processor array contains 512 processors. Each processor is capable of adding a pair of integers in 2 micro seconds. Determine the performance of the processor array adding integer vectors of length 512, assuming each vector is allocated to the processor in a balanced fashion.