

Instructor Guide

This module continues the basic ideas in the module **Parallel Algorithms I** toward the purpose of getting students to continue thinking about parallel design.

There is still no formal code in this module, and it is not recommended to dive into a programming language at this stage. The goal is to introduce simple problems and their sequential solutions, and then give students time to think about a parallel solution before revealing the answer.

These examples are examined in detail in the textbook **An Introduction to Parallel Programming** by Peter Pacheco (1st Edition), along with sequential implementations and several parallel implementations.

Common Pitfalls for Students and Instructors

A common pitfall is moving too quickly through this module. After presenting a sequential solution to a problem, it is recommended to pause to give students time to really think about how to parallelize before simply revealing the solution.

Otherwise, no other pitfalls should be expected.