Programming from Specifications and Formal Methods

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Preface

This is a Quarto book.

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1 Reading List

- Program Construction and Verification. Backhouse
- Systematic Programming. Wirth
- A Method of Programming. Feijen, Dijkstra
- Predicate Calculus and Program Semantics. Dijkstra, Scholten
- Structured Programming. Dahl, Dijkstra, Hoare
- A Discipline of Programming. Dijkstra
- Program Derivation - Development of Programs from Specifications. Dromey
- Programming in the 1990s - An Introduction to Calculation of Programs. Cohen
- Programming - the Derivation of Algorithms. Kaldewaij
- Programming from Specifications. Morgan
- Algorithmic Problem Solving. Backhouse
- Program Construction - Calculating Implementations from Specifications. Backhouse
- Specifying Software - A Hands-on Approach. Tennent
- Induction, Recursion, and Programming. Wand
- Reasoned Programming. Broda
- Equations, Models, and Programs - a Mathematical Introduction to Computer Science. Myers.