

Current book structure

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Springer

Title: Reasoning about concurrent software: challenges and responses

Author: CBJ

Drafts of chapters of the book will be added and revised from time to time. *Please contact the authors before citing.*

Notes

- Release plan: we now have *drafts* of Chapters 1–7, with one page “summaries” for others.
- The emphasis is on results published in the 20th century (Section 10.3 indicates some important work from the current century).
- The (historical) objective is to set the technical context (i.e. “challenges”) of key research contributions and to make the technical results understandable. Biographical information is added where it throws light on the results but is not the main aim of the book.
- **Insights** are noted without claiming that they are “firsts”.
- **Breakout boxes** present relatively self-contained explanations of more technical points; it should be possible to understand the material in the book without studying all such figures.
- Readers are assumed to have some knowledge of programming and an acquaintance with logic notation such as first-order predicate calculus.
- One of the authors (Jones) was not only a witness to much of the research described but can also be said to have made some contribution thereto. He has, for example, been a member of IFIP’s influential working group on “Programming Methodology” (WG 2.3) since 1973. This involvement provides valuable input but also poses some dangers of bias. **Where there are definite “anecdotes” that a separate author might handle as reported experience, they are marked out in this colour.**