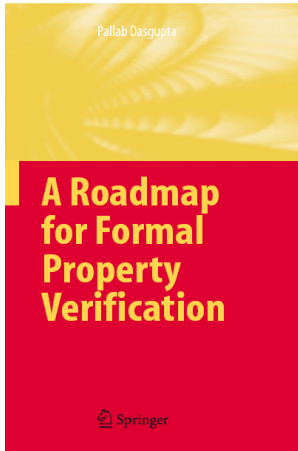


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## A Roadmap for Formal Property Verification



Integrating formal property verification (FPV) into an existing design process raises several interesting questions. Have I written enough properties? Have I written a consistent set of properties? What should I do when the FPV tool runs into capacity issues? This book develops the answers to these questions and fits them into a roadmap for formal property verification – a roadmap that shows how to glue FPV technology into the traditional validation flow. A Roadmap for Formal Property Verification explores the key issues in this powerful technology through simple examples – you do not need any background on formal methods to read most parts of this book.

**Contents:** 1. Introduction. 2. Languages for Temporal Properties. 3. How does the property checker work? 4. Is my specification consistent? 5. Have I written enough properties? 6. Design Intent Coverage. 7. Test Generation Games. 8. A Roadmap for Formal Property Verification. 9. References.

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