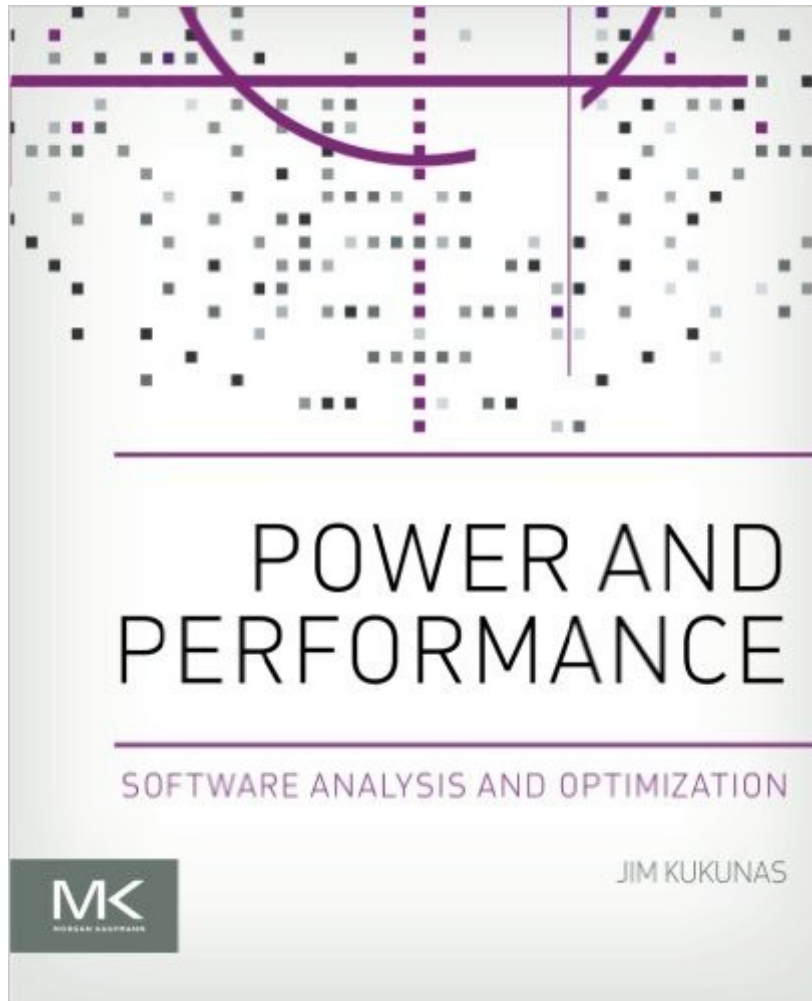


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# Power And Performance: Software Analysis And Optimization



## Synopsis

Power and Performance: Software Analysis and Optimization is a guide to solving performance problems in modern Linux systems. Power-efficient chips are no help if the software those chips run on is inefficient. Starting with the necessary architectural background as a foundation, the book demonstrates the proper usage of performance analysis tools in order to pinpoint the cause of performance problems, and includes best practices for handling common performance issues those tools identify. Provides expert perspective from a key member of Intel's optimization team on how processors and memory systems influence performance. Presents ideas to improve architectures running mobile, desktop, or enterprise platforms. Demonstrates best practices for designing experiments and benchmarking throughout the software lifecycle. Explains the importance of profiling and measurement to determine the source of performance issues.

## Book Information

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Average Customer Review: 5.0 out of 5 stars See all reviews (1 customer review)

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## Customer Reviews

Excellent book! It bridges the gap between the CPU registers and the programmer's head. Chapter 5 is where real action begins. Very clear explanations and hands-on practical examples. It's going to be a classic!

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