

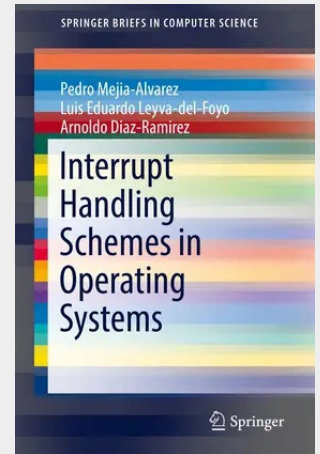
Interrupt Handling Schemes in Operating Systems

In this book, the interrupt handling models used by several operating systems are introduced and compared.

We begin with an analysis of the classical interrupt management model used by Unix, followed by the schemes used by modern networked environments.

We highlight the key challenges of each of these models and how these have been solved by modern operating systems and the research community. Then we analyze the architectures used for general purpose and embedded real-time operating systems.

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