



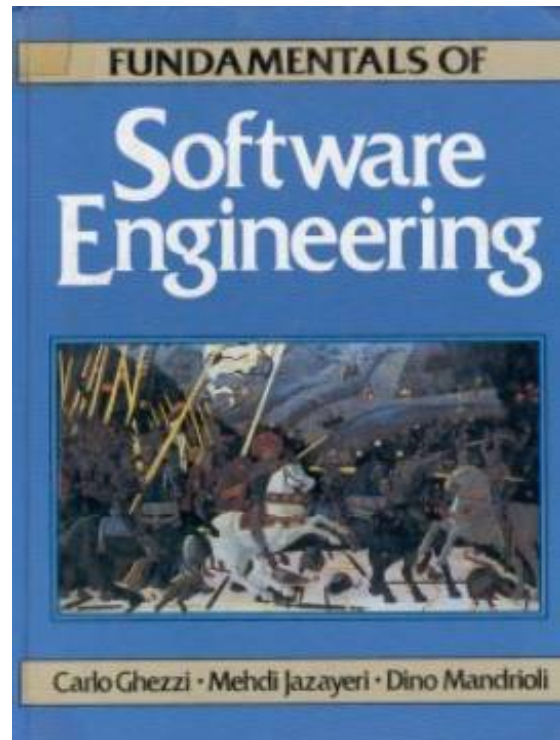
**FUNDAMENTALS OF
SOFTWARE
ENGINEERING**
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SUMMARY

Here is the first book to emphasize fundamental principles rather than specific software engineering tools and techniques

Fundamentals of Software Engineering provides selective, in-depth coverage of the fundamentals of software engineering, stressing principles, methods, and rigorous formal and informal approaches. It stresses the importance of rigor in the practice of software engineering and emphasizes the important principles that can be applied independently of the life cycle model.

Numerous clear examples and exercises showing the application of principles to practical real-world problems are also included and make this an excellent self-study guide.



CONTENT HIGHLIGHTS

*uses small examples to illustrate principles and large case studies to show application and combination of principles in more realistic situations.

*emphasizes formality, design for change, and incrementality, using case studies to compare and contrast the different formalisms

*draws analogies to other engineering disciplines

*covers design, specification, verification and validation, the software process, management, and environments.

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