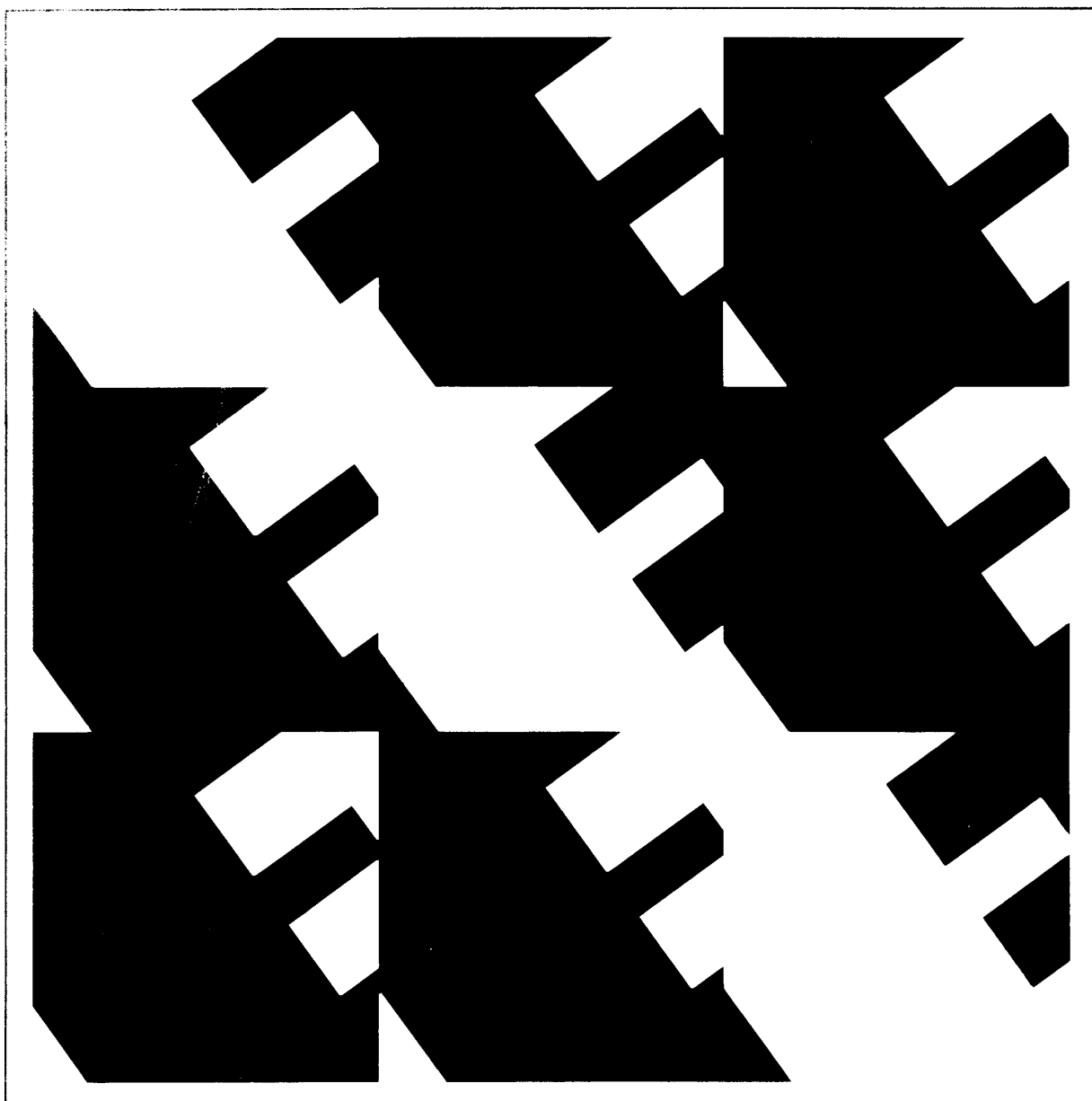


IEEE Recommended Practice for Ada As a Program Design Language

IEEE Std 990-1987



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IEEE Recommended Practice for Ada* As a Program Design Language

Sponsor

**Technical Committee on Software Engineering of the
IEEE Computer Society**

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Foreword

(This Foreword is not a part of IEEE Std 990-1987, IEEE Recommended Practice for Ada As a Design Language.)

Software Engineering is an emerging field. As part of that process, the Department of Defense initiated, and ANSI approved, ANSI/MIL-STD-1815A-1983, which defines the Ada* Programming Language. In recent years, there has been a growing demand for the use of Ada as a Program Design Language (PDL). Recognizing that an adequate definition of an Ada PDL did not exist, a project was approved in March 1983 to provide that definition as part of a voluntary consensus process. This recommended practice is the result of that process.

This is one of an evolving set of integrated software engineering standards; for example,
ANSI/IEEE Std 729-1983, IEEE Standard Glossary of Software Engineering Terminology
ANSI/IEEE Std 730-1984, IEEE Standard for Software Quality Assurance Plans
ANSI/IEEE Std 828-1983, IEEE Standard for Software Configuration Management Plans
ANSI/IEEE Std 829-1983, IEEE Standard for Software Test Documentation
ANSI/IEEE Std 830-1983, IEEE Guide for Software Requirement Specifications
ANSI/IEEE Std 983-1986, IEEE Guide for Software Quality Assurance Planning
ANSI/IEEE Std 1008-1987, IEEE Standard for Software Unit Testing

This recommended practice may be used either in conjunction with those standards or separately.

As a recommended practice, this document should be helpful to PDL designers, PDL evaluators, software designers, and other members of the software engineering community concerned with the use of Ada as a PDL.

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