

AS 1189, Part 2—1982

Australian Standard[®]

**DATA PROCESSING—
VOCABULARY**

**Part 2—ARITHMETIC AND
LOGIC OPERATIONS**

This Australian standard was prepared under the direction of Committee MS/20, Computers and Information Processing. It was approved by the Council of the Standards Association of Australia on 18 May 1982 and published on 12 July 1982.

The following interests were represented on the committee responsible for the preparation of this standard:

Australian Banks Payment Systems Committee
Australian Bureau of Statistics
Australian Computer Equipment Suppliers Association
Australian Computer Services Association
Australian Computer Users Association
Australian Public Service Board
CSIRO, Division of Computing Research
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PREFACE

This standard was prepared under the authority of the Association's Committee on Computers and Information Processing. It is one part of a series superseding AS 1189—1972, and is identical with and has been reproduced from the corresponding part of International Standard ISO 2382, drawn up by ISO/TC 97, Computers and Information Processing.

The 1972 edition of the standard was based on the American National Standard ANSI X3.12—1970 pending the publication of the ISO vocabulary as ISO 2382. The committee has decided that sufficient parts of the ISO vocabulary have been published to warrant the revision of AS 1189.

The complete standard comprises the following parts:

- Part 0: Consolidated Index
- Part 1: Fundamental Terms
- Part 2: Arithmetic and logic operations
- Part 3: Equipment technology
- Part 4: Organization of data
- Part 5: Representation of data
- Part 6: Preparation and handling of data
- Part 7: Digital computer programming
- Part 8: Control, integrity and security*
- Part 9: Data communication*
- Part 10: Operating techniques and facilities
- Part 11: Control, input-output and arithmetic equipment
- Part 12: Data media, storage and related equipment
- Part 13: Computer graphics and computer micrographics*
- Part 14: Reliability, maintenance and availability
- Part 15: Programming languages*
- Part 16: Information theory
- Part 17: Data base management*
- Part 18: Remote access data and data processing system*
- Part 19: Analog computing*
- Part 20: System development*
- Part 21: Interfaces*
- Part 24: Numerical control of machines*

In addition to the alphabetical index in this part, Part 0 provides a consolidated alphabetical index to the terms defined in Parts 1 to 7, 10 to 12, 14, 16, 19 and 24.

As this standard consists of several parts prepared over a long period there could be some inconsistencies introduced in the later parts when compared with the earlier ones. These inconsistencies will be eliminated as far as possible in later editions. This procedure allows for immediate publication of needed parts and permits an element of flexibility in the preparation of a comprehensive vocabulary in view of the dynamics of language.

* In course of preparation.

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