Part I

CM-5 System Administration

Copyright © 1995 Thinking Machines Corporation

Part I of the *CM-5 System Administrator's Guide* contains information about administering the system as a whole (subsequent parts of this manual describe how to administer CM-5 subsystems):

- Chapter 1, "Introduction to the CM-5 System," presents an overview of the system and CM-5–specific vocabulary, useful for understanding subsequent chapters.
- Chapter 2, "CM-5 and Scale 3 System Startup Procedures," describes the procedures for bringing a CM-5 or a Scale 3 from a powered down condition to the state where it is ready to partition.
- Chapter 3, "Partition Management," provides an overview of the partitioning process, including rules and command syntax.
- Chapter 4, "Emergency and Non-Emergency Shutdown," explains how to power down the CM-5 and Scale 3 and their peripherals, both in an emergency situation and in a normal situation.
- Chapter 5, "CM Error-Logging System," explains how to implement the error-logging system and describes the logging format of the error messages.

Copyright © 1995 Thinking Machines Corporation

- Chapter 6, "Preventive Maintenance," describes the daily and weekly preventive maintenance procedures.
- Chapter 7, "Accounting on the CM-5 System," provides general information about CM-5 accounting and specific information about how to start and stop accounting and how to obtain useful information from its files.
- Chapter 8, "What to Do if the Operating System (**`ts-daemon`**) Hangs or Crashes," describes the procedures for obtaining information about an OS hang or crash.

The following appendixes also contain information about CM-5 system administration:

- Appendix A, "The CM-5 (Other than Scale 3) **`hardware.install`** File," describes what this file is used for and how to edit it.
- Appendix B, "The Scale 3 **`hardware.install`** File," describes what this file is used for and how to edit it.
- Appendix D, "I/O Error Messages," provides a table of I/O error numbers and the associated messages.
- Appendix E, "The **`cmacct.awk`** Script," describes how to run the CM-5 accounting post-processor.
- Appendix F, "How to Disable Core File Dumping," describes how a user can prohibit core file dumps.
- Appendix J, "Manual Pages," contains the CM-5 system manual pages.

Copyright © 1995 Thinking Machines Corporation