

APPENDIX G. GLOSSARY OF ABBREVIATIONS

ACK	Acknowledge.
ATR	Asynchronous Token Ring, the local-area network developed during this research.
BPM	Beam Profile Monitor.
CPU	Central Processing Unit (of a computer).
DSP	Digital Signal Processing.
FCS	Frame Check Sequence (in this case, a checksum).
FN	Model designator of the McMaster University Tandem particle accelerator.
HV	High Voltage.
LIPS	Logical Inferences Per Second.
ITL	Inferencing Token Language.
PID	Proportional-Integral-Derivative, a method of linear feedback control.
TEXMEX	Threaded EXecution Micro EXpert, the expert system developed during this research.
68HC16	A 16-bit embedded microprocessor made by Motorola, Inc.