

LIST OF TABLES

3.1	SCIM specifications	39
3.2	Switching vectors with their voltage levels	43
5.1	Rule base for controlling the speed of IM using FLC	77
6.1	Quantitative results of slip characteristics for various speeds	116
7.1	Rule base for controlling the speed of IM using ANFIS	126
8.1	Quantitative results of comparison of settling times of speed curves	152
8.2	Quantitative results of comparison of settling times of speed curves	153