LIST OF TABLES

Table No.	Name	Page No.	
Table 4.1	Network Parameters for fault classification and	29	
	location identification		
Table 4.2	Training results for fault detection and classification	31	
Table 4.3	Training results for fault location identification	31	
Table 4.4	Fault classification and classification results	32	
Table 4.5	Fault detection and classification network	32	
	performance		
Table 4.6	Fault Location Identification network performance	33	
Table 5.1	Performance of function Approximation network for	34	
	fault location identification		
Table 5.2	System Configuration and price	36	
Table 5.3	Software configuration and price	36	