LIST OF FIGURES

Figure 1.1	Simple Supply Chains	3
Figure 1.2	Extended Supply Chains	3
Figure 1.3	Research problems of the present dissertation	12
Figure 1.4	Structure of the thesis	21
Figure 2.1	Characteristic of an agile supply chain (adopted from Harrison <i>et.al.</i> , 1999)	35
Figure 2.2	Approaches used in literature for calculation of agility	37
Figure 2.3	Lean, agile and leagile supply (Source: Mason-Jones et al., 2000)	46
Figure 2.4	A conceptual diagram for agility model proposed by Gunasekaran (1998) to illustrate the concept and enablers of agile manufacturing	51
Figure 3.1	Generalized flow diagram of ISM	60
Figure 3.2	Flow chart for incorporating the transitivity	62
Figure 3.3	Generalized driving power and dependence plot	65
Figure 3.4	Fuzzy versus crisp	66
Figure 3.5	A triangular fuzzy number 'A'	68
Figure 3.6	A simple hierarchy construction of AHP	73
Figure 4.1	ISM digraph	93
Figure 4.2	Formation of ISM based model	93
Figure 4.3	Classification of enablers based on driving power and the dependence	95
Figure 5.1	Framework for assessment of agility in supply chain	102
Figure 5.2	Conceptual model for measuring agility in supply chain	103
Figure 5.3	Linguistic levels to matching FAI	116
Figure 5.4	Matching of the standard agility level with agility level of the case supply chain using bar diagram	117
Figure 5.5	Scatter plot of the FPII of all sub-attributes	119

Figure 6.1	Structure of the AHP model	128
Figure 7.1	Illustrative diagram of the combined AHP-GP model development	144