FIGURES

1.1 Four problems in network knowledge management 5
1.2 Conceptual model 9
2.1 Network in the flat-screen industry 2000–2001 16
2.2 Three basic types of knowledge networks 25
4.1 ASML’s TWINSCAN 55
4.2 Chip lithography market in 1984 and 2006 57
4.3 The production process of integrated circuits 60
4.4 Bare-bone structure of microlithography 61
4.5 Solution concepts in the ASML network 79
5.1 Strategic positions of major retailers 87
5.2 Type and number of partners in the Future Store Initiative (May 2005) 89
5.3 Structure of the Future Store Initiative 92
5.4 Solution concepts applied in the Future Store Initiative 97
6.1 Slaughter weight and production value of pigs in the Netherlands 104
6.2 Effects of innovation in the pig sector 105
6.3 The pork chain in the Netherlands 107
6.4 Knowledge flows around TOPIGS 111
6.5 Solution concepts and knowledge-sharing problems in the Netherlands 117
7.1 Patenting growth rates in agriculture, 1995–2004 124
7.2 Developments in the filing of horticultural patents 125
7.3 The horticulture chain 126
7.4 The history of knowledge exchange in the Westland network 130
7.5 Knowledge-sharing problems and solutions in the horticulture sector 139
8.2 Network around Arall (1981–1991) 152
8.3 Network around Glare (1991–2001) 155
8.4 Network Airbus and Glare (2001–) 157
8.5 Solution concepts in relation to knowledge-sharing problems 170
9.1 Themes around knowledge management in innovation networks 175
9.2 Problems with knowledge sharing in networks 178