

# Figures

---

2.1	A proposed taxonomy of knowledge flows	20
3.1	Broadcasting model diffusion curve	27
3.2	Word-of-mouth model diffusion curve	28
3.3	Transition from a regular to a random network, dependent on the rewiring probability $p$	35
3.4	Von Neumann neighbourhood with visible range equal to 3	42
4.1	Moore neighbourhood with $v = 3$	51
4.2	Firms' Skills Universe	52
4.3	Total and joint number of innovations, by various levels of $p$	57
4.4	Innovation performances	58
4.5	Network statistics for good and bad run	60
4.6	Innovation performances	63
4.7	Density of the acquaintances network graph	65
4.8	Number of vertices in the largest component (acquaintances network)	66
4.9	Acquaintance and partnership network graphs: good run snapshot	68
4.10	Acquaintance network graph: good run snapshot	70
4.11	Partnership network graph: good run snapshot	72
4.12	Acquaintance and partnership network graphs: bad run snapshot	74
4.13	Acquaintance network graph: bad run snapshot	76
4.14	Partnership network graph: bad run snapshot	78
4.15	Impact of initial conditions over innovative performances	80
5.1	Knowledge diffusion patterns in the Colchagua Valley	94
5.2	Network firms–firms and network institutions–firms	98
6.1	Showing target and conceptual model	108
6.2	Validity relationships	112
6.3	Comparison for validation	114
6.4	Showing validation by comparison of models	119

7.1	Firms' geographical distribution	133
7.2	Total and joint number of innovations	136
7.3	Total number of innovations by various levels of initial knowledge and extra links	140
7.4	Single run performances around the average value	142
7.5	Innovation performances (good run vs bad run)	145
7.6	Partnership network graph, steady state configuration	148