

Contents

List of Contributors		vii
Chapter 1	The Iterated Prisoner's Dilemma: 20 Years On <i>Siang Yew Chong, Jan Humble, Graham Kendall, Jiawei Li and Xin Yao</i>	1
Chapter 2	Iterated Prisoner's Dilemma and Evolutionary Game Theory <i>Siang Yew Chong, Jan Humble, Graham Kendall, Jiawei Li and Xin Yao</i>	23
Chapter 3	Learning IPD Strategies Through Co-evolution <i>Siang Yew Chong, Jan Humble, Graham Kendall, Jiawei Li and Xin Yao</i>	63
Chapter 4	How to Design a Strategy to Win an IPD Tournament <i>Jiawei Li</i>	89
Chapter 5	An Immune Adaptive Agent for the Iterated Prisoner's Dilemma <i>Oscar Alonso and Fernando Niño</i>	105
Chapter 6	Exponential Smoothed Tit-for-Tat <i>Michael Filzmoser</i>	127
Chapter 7	Opponent Modelling, Evolution, and The Iterated Prisoner's Dilemma <i>Philip Hingston, Dan Dyer, Luigi Barone, Tim French and Graham Kendall</i>	139
Chapter 8	On Some Winning Strategies for the Iterated Prisoner's Dilemma <i>Wolfgang Slany and Wolfgang Kienreich</i>	171

Chapter 9	Error-Correcting Codes for Team Coordination within a Noisy Iterated Prisoner's Dilemma Tournament	205
	<i>Alex Rogers, Rajdeep K. Dash, Sarvapali D. Ramchurn, Perukrishnen Vytelingum and Nicholas R. Jennings</i>	
Chapter 10	Is it Accidental or Intentional? A Symbolic Approach to the Noisy Iterated Prisoner's Dilemma	231
	<i>Tsz-Chiu Au and Dana Nau</i>	