

TABLE OF CONTENTS

Authors.....	i
Preface.....	iii
Foreword.....	iv
Glossary	vi
Part One: AlphaGo v. Lee Sedol.....	1
The Origins of AlphaGo.....	2
Game Rules.....	8
Game One: AlphaGo v. Lee Sedol	9
Game Two: AlphaGo v. Lee Sedol	14
Game Three: AlphaGo v. Lee Sedol.....	18
Game Four: AlphaGo v. Lee Sedol	21
Game Five: AlphaGo v. Lee Sedol	24
Appendix: AlphaGo's Training Games	28
Part Two: The Online Mystery Player.....	37
The New Master of Go	38
Game Rules.....	43
Game One: AlphaGo v. Pan Tingyu	44
Game Two: AlphaGo v. Zhang Ziliang.....	47
Game Three: AlphaGo v. Ding Shixiong	50
Game Four: AlphaGo v. Xie Erhao	53
Game Five: AlphaGo v. Yu Zhiying	56
Game Six: AlphaGo v. Li Xiangyu.....	58
Game Seven: AlphaGo v. Qiao Zhijian	60
Game Eight: AlphaGo v. Han Yizhou	62
Game Nine: AlphaGo v. Meng Tailing (1).....	65
Game Ten: AlphaGo v. Meng Tailing (2)	68
Game Eleven: AlphaGo v. Chen Hao.....	71

Game Twelve: AlphaGo v. Ryu Suhang.....	74
Game Thirteen: AlphaGo v. Wang Haoyang	76
Game Fourteen: AlphaGo v. Yan Zaiming	79
Game Fifteen: AlphaGo v. Park Jeonghwan (1).....	81
Game Sixteen: AlphaGo v. Lian Xiao (1)	85
Game Seventeen: AlphaGo v. Lian Xiao (2).....	88
Game Eighteen: AlphaGo v. Ke Jie (1)	91
Game Nineteen: AlphaGo v. Ke Jie (2).....	95
Game Twenty: AlphaGo v. Park Jeonghwan (2).....	98
Game Twenty-One: AlphaGo v. Chen Yaoye (1)	101
Game Twenty-Two: AlphaGo v. Chen Yaoye (2).....	104
Game Twenty-Three: AlphaGo v. Kim Jeonghyeon.....	107
Game Twenty-Four: AlphaGo v. Park Jeonghwan (3)	110
Game Twenty-Five: AlphaGo v. Park Jeonghwan (4).....	115
Game Twenty-Six: AlphaGo v. Yun Chanhui.....	119
Game Twenty-Seven: AlphaGo v. Fan Tingyu (1).....	123
Game Twenty-Eight: AlphaGo v. Meng Tailing (3).....	127
Game Twenty-Nine: AlphaGo v. Mi Yuting.....	130
Game Thirty: AlphaGo v. Tang Weixing.....	134
Game Thirty-One: AlphaGo v. Li Qincheng	137
Game Thirty-Two: AlphaGo v. Gu Li (1)	140
Game Thirty-Three: AlphaGo v. Gu Li (2).....	143
Game Thirty-Four: AlphaGo v. Dang Yifei	147
Game Thirty-Five: AlphaGo v. Jiang Weijie	150
Game Thirty-Six: AlphaGo v. Gu Zihao	154
Game Thirty-Seven: AlphaGo v. Park Yeonghun.....	158
Game Thirty-Eight: AlphaGo v. Tuo Jiaxi.....	161
Game Thirty-Nine: AlphaGo v. jpgo01	164
Game Forty: AlphaGo v. Meng Tailing (4)	167
Game Forty-One: AlphaGo v. Kim Jiseok	171

Game Forty-Two: AlphaGo v. Yang Dingxin	174
Game Forty-Three: AlphaGo v. Kang Dongyun.....	177
Game Forty-Four: AlphaGo v. An Seongjun.....	180
Game Forty-Five: AlphaGo v. Shi Yue	185
Game Forty-Six: AlphaGo v. Lian Xiao (3)	188
Game Forty-Seven: AlphaGo v. Tan Xiao	191
Game Forty-Eight: AlphaGo v. Park Jeonghwan (5).....	194
Game Forty-Nine: AlphaGo v. Won Seongjin.....	198
Game Fifty: AlphaGo v. Ke Jie (3).....	201
Game Fifty-One: AlphaGo v. Zhou Junxun	205
Game Fifty-Two: AlphaGo v. Fan Tingyu (2).....	208
Game Fifty-Three: AlphaGo v. Huang Yunsong	212
Game Fifty-Four: AlphaGo v. Nie Weiping.....	215
Game Fifty-Five: AlphaGo v. Chen Yaoye & Meng Tailing	219
Game Fifty-Six: AlphaGo v. Jo Hanseung	223
Game Fifty-Seven: AlphaGo v. Sin Jinseo	226
Game Fifty-Eight: AlphaGo v. Chang Hao.....	229
Game Fifty-Nine: AlphaGo v. Zhou Ruiyang.....	232
Game Sixty: AlphaGo v. Gu Li (3)	236
Part Three: The Future of Go Summit.....	239
Beyond Human	240
Game Rules	247
Game One: AlphaGo v. Ke Jie (1).....	248
Game Two: AlphaGo v. Ke Jie (2)	253
Game Three: Pair Go	256
Game Four: Team Go.....	261
Game Five: AlphaGo v. Ke Jie (3).....	265
Appendix: AlphaGo v. Fan Hui	270