

CONTENTS

Chapter One	An Introduction to Artificially Intelligent Systems	1
Chapter Two	Causation and Artificial Intelligence	21
Chapter Three	Big Data and Artificial Intelligence	37
Chapter Four	Intellectual Property Rights in AI Systems	55
Chapter Five	Automated Bias and Discrimination	67
Chapter Six	AI Crime: Commission and Judgment	79
Chapter Seven	Market Distorting Effects: AI and Competition Law	87
Chapter Eight	Sector Specific Considerations	95
	Lifesciences, Medicine & Healthcare	95
	Retail & Consumer	98
	Financial Services	101
	Transportation	104
	Energy and Utilities	106
	Infrastructure and the Built Environment	107
Chapter Nine	Robotic Process Outsourcing and Artificial Intelligence as a Service (AIaaS)	111
Chapter Ten	Artificial Intelligence and Corporate Law	119
Chapter Eleven	Managing Machine Learning Systems on a Practical Basis	125