

Contents

<i>List of Figures and Tables</i>	<i>page</i> xi
<i>List of Contributors</i>	xiii
<i>Acknowledgments</i>	xxv
An Introduction to the Law, Ethics, and Policy of Artificial Intelligence	1
Nathalie A. Smuha	
PART I AI, ETHICS AND PHILOSOPHY	
1 Artificial Intelligence: A Perspective from the Field	17
Wannes Meert, Tinne De Laet, and Luc De Raedt	
2 Philosophy of AI: A Structured Overview	40
Vincent C. Müller	
3 Ethics of AI: Toward a “Design for Values” Approach	59
Stefan Buijsman, Michael Klenk, and Jeroen van den Hoven	
4 Fairness and Artificial Intelligence	79
Laurens Naudts and Anton Vedder	
5 Moral Responsibility and Autonomous Technologies: Does AI Face a Responsibility Gap?	101
Lode Lauwaert and Ann-Katrien Oimann	
6 Artificial Intelligence, Power and Sustainability	117
Gry Hasselbalch and Aimee Van Wynsberghe	

PART II AI, LAW AND POLICY		
7	AI Meets the GDPR: Navigating the Impact of Data Protection on AI Systems	133
	Pierre Dewitte	
8	Tort Liability and Artificial Intelligence: Some Challenges and (Regulatory) Responses	158
	Jan De Bruyne and Wannes Ooms	
9	Artificial Intelligence and Competition Law	174
	Friso Bostoen	
10	AI and Consumer Protection: An Introduction	192
	Evelyne Terryn and Sylvia Martos Marquez	
11	Artificial Intelligence and Intellectual Property Law	211
	Jozefien Vanherpe	
12	The European Union's AI Act: Beyond Motherhood and Apple Pie?	228
	Nathalie A. Smuha and Karen Yeung	
PART III AI ACROSS SECTORS		
13	Artificial Intelligence and Education: Different Perceptions and Ethical Directions	261
	Inge Molenaar, Duuk Baten, Imre Bárd, and Marthe Stevens	
14	Artificial Intelligence and Media	283
	Lidia Dutkiewicz, Noémie Krack, Aleksandra Kuczerawy, and Peggy Valcke	
15	AI and Healthcare Data	306
	Griet Verhenneman	
16	Artificial Intelligence and Financial Services	322
	Katja Langenbucher	
17	Artificial Intelligence and Labor Law	339
	Aída Ponce Del Castillo and Simon Taes	
18	Legal, Ethical, and Social Issues of AI and Law Enforcement in Europe: The Case of Predictive Policing	367
	Rosamunde Van Brakel	

19	The Use of Algorithmic Systems by Public Administrations: Practices, Challenges and Governance Frameworks	383
	Nathalie A. Smuha	
20	Artificial Intelligence and Armed Conflicts	411
	Katerina Yordanova	
	Concluding Remarks	429
	Nathalie A. Smuha	

