

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	

