
Contents

<i>List of figures</i>	vii
<i>List of tables</i>	viii
<i>List of contributors</i>	ix
1 Introduction	1
<i>Vanessa Mak, Eric Tjong Tjin Tai and Anna Berlee</i>	
PART I REGULATING DATA SCIENCE	
2 Contract and consumer law	17
<i>Vanessa Mak</i>	
3 Liability for data loss	39
<i>Vincenzo Zeno-Zencovich</i>	
4 Liability for (semi)autonomous systems: robots and algorithms	55
<i>Eric Tjong Tjin Tai</i>	
5 Consumer contracts and the Internet of Things	83
<i>Katarzyna Kryla-Cudna</i>	
6 Pledge and attachment of digital data under Belgian law	108
<i>Koen Swinnen</i>	
7 Data and intellectual property law	133
<i>Michael Mattioli</i>	
8 Legal tech and blockchain for corporate governance and shareholders	153
<i>Anne Lafarre and Christoph Van der Elst</i>	
9 Data and competition law	183
<i>Rupprecht Podszun and Stephan Kreifels</i>	
10 Data science, data crime and the law	214
<i>Maria Grazia Porcedda and David S. Wall</i>	
11 Data-driven regulation and governance in smart cities	245
<i>Sofia Ranchordás and Abram Klop</i>	

- | | | |
|----|---|-----|
| 12 | Data science and public administration research: connecting agency rules and red tape
<i>Wesley Kaufmann</i> | 274 |
| 13 | Data science and taxation
<i>Ronald Russo</i> | 304 |
| 14 | Data localisation measures and their impacts on data science
<i>Helena Ursic, Ruslan Nurullaev, Michel Olmedo Cuevas and Paweł Szulewski</i> | 322 |

PART II DEVELOPING A NEW DISCIPLINE

- | | | |
|----|---|-----|
| 15 | Methods of data research for law
<i>Bart Custers</i> | 355 |
| 16 | Data and fundamental rights
<i>Angela Daly, Anna Carlson and Tess Van Geelen</i> | 378 |
| 17 | Granular legal norms: big data and the personalization of private law
<i>Christoph Busch and Alberto De Franceschi</i> | 408 |
| 18 | Data analysis, artificial intelligence and the judiciary system
<i>Bart Jan van Ettekoven and Corien Prins</i> | 425 |
| 19 | Conclusion
<i>Vanessa Mak, Eric Tjong Tjin Tai and Anna Berlee</i> | 448 |
| | <i>Index</i> | 463 |