

# CONTENTS

|          |  |           |
|----------|--|-----------|
| <b>1</b> | <b>General Introduction</b>                    | <b>1</b>  |
| 1.1      | <i>General Line of Argumentation</i>           | 3         |
| 1.2      | <i>The Caveat</i>                              | 5         |
| 1.3      | <i>Extreme Scepticism and Robot Rights</i>     | 6         |
| 1.3.1    | <i>A Plea for Human Exceptionalism</i>         | 7         |
| 1.3.2    | <i>The Mindless Morality View</i>              | 9         |
| 1.3.3    | <i>Open-mindedness</i>                         | 11        |
|          | <i>References</i>                              | 12        |
| <b>2</b> | <b>What Is Artificial Intelligence?</b>        | <b>15</b> |
| 2.1      | <i>Introduction</i>                            | 15        |
| 2.2      | <i>Defining Artificial Intelligence</i>        | 16        |
| 2.3      | <i>Artificial Intelligence and Ethics</i>      | 18        |
| 2.3.1    | <i>Three Developmental Periods</i>             | 18        |
| 2.3.2    | <i>The Ethics of Artificial Intelligence</i>   | 20        |
| 2.4      | <i>Weak and Strong Artificial Intelligence</i> | 22        |
| 2.5      | <i>Superintelligence</i>                       | 24        |
| 2.6      | <i>Conclusions</i>                             | 26        |
|          | <i>References</i>                              | 26        |

|          |   |    |
|----------|---|----|
| <b>3</b> | <b>What Are Human Rights?</b>                                     | 29 |
| 3.1      | <i>Introduction</i>   | 29 |
| 3.2      | <i>What Are Human Rights?</i>                                     | 30 |
| 3.2.1    | <i>The Concept of Human Rights</i>                                | 30 |
| 3.2.2    | <i>The Main Features of Human Rights</i>                          | 32 |
| 3.2.3    | <i>Different Types of Human Rights—A<br/>Classification</i>       | 35 |
| 3.3      | <i>Moral and Legal Human Rights</i>                               | 36 |
| 3.4      | <i>Human Rights and Personhood</i>                                | 40 |
| 3.4.1    | <i>The Human DNA Argument</i>                                     | 40 |
| 3.4.2    | <i>The Human Dignity Argument</i>                                 | 41 |
| 3.5      | <i>Conclusions</i>  | 42 |
|          | <i>References</i>   | 42 |
| <br>     |   |    |
| <b>4</b> | <b>The Impact of Artificial Intelligence on Human Rights</b>      | 45 |
| 4.1      | <i>Introduction</i>   | 45 |
| 4.2      | <i>Artificial Intelligence and Human Rights—An<br/>Overview</i>   | 46 |
| 4.3      | <i>Universal Declaration of Human Rights—Abridged<br/>Version</i> | 49 |
| 4.4      | <i>Zones of Conflict I—Machines Violate Human Rights</i>          | 50 |
| 4.4.1    | <i>Table</i>  | 50 |
| 4.4.2    | <i>Comments</i>   | 52 |
| 4.4.3    | <i>Table</i>  | 54 |
| 4.4.4    | <i>Comments</i>   | 55 |
| 4.4.5    | <i>Table</i>  | 56 |
| 4.4.6    | <i>Comments</i>   | 56 |
| 4.5      | <i>Zones of Conflict II—Humans Violate “Machine Rights”</i>       | 57 |
| 4.5.1    | <i>Table</i>  | 58 |
| 4.5.2    | <i>Comments</i>   | 60 |
| 4.6      | <i>Conclusions</i>  | 61 |
|          | <i>References</i>   | 62 |

|          |   |           |
|----------|---|-----------|
| <b>5</b> | <b>Moving Towards a “Universal Convention for the Rights of AI Systems”</b> | <b>65</b> |
|          | <i>5.1 Introduction</i>   | 65        |
|          | <i>5.2 The Significance of Moral Status</i>                                 | 66        |
|          | <i>5.3 Machine Rights as Fundamental Rights</i>                             | 68        |
|          | <i>5.4 The Idea of an AI Convention</i>                                     | 70        |
|          | <i>5.5 The Problem of Design</i>  | 72        |
|          | <i>5.6 Conclusions</i>  | 73        |
|          | <i>References</i>   | 73        |
| <b>6</b> | <b>Objections</b>   | <b>75</b> |
|          | <i>6.1 Introduction</i>   | 76        |
|          | <i>6.2 The Dark Side of Superintelligence</i>                               | 76        |
|          | <i>6.3 Human Rights Are for Humans and Not Machines</i>                     | 78        |
|          | <i>6.4 The Argument from Artificial Servitude</i>                           | 79        |
|          | <i>6.5 Conclusions</i>  | 80        |
|          | <i>References</i>   | 81        |
| <b>7</b> | <b>General Conclusions</b>  | <b>83</b> |
|          | <b>Index</b>  | <b>87</b> |