

---

# Contents

---

<b>Phaedrus</b>	1
<i>Plato</i>	
<b>Politics</b>	3
<i>Aristotle</i>	
<b>Economy of Expenditures I and II</b>	7
<i>Mo Tzu</i>	
<b>Argument: The Pre-Eminence of Tao</b>	11
<i>Chuang Tzu</i>	
<b>City of God</b>	15
<i>Augustine of Hippo</i>	
<b>New Atlantis</b>	21
<i>Francis Bacon</i>	
<b>Wealth of Nations</b>	29
<i>Adam Smith</i>	
<b>Debate on the Frame-Work Bill, in the House of Lords, February 27, 1812</b>	37
<i>Lord Byron</i>	
<b>The Philosophy of Manufactures, 1835</b>	45
<i>Andrew Ure</i>	
<b>The Machine versus the Worker</b>	49
<i>Karl Marx</i>	

<b>Darwin among the Machines</b> <i>Samuel Butler</i>	53
<b>Works and Days</b> <i>Ralph Waldo Emerson</i>	59
<b>My Watch: An Instructive Little Tale</b> <i>Mark Twain</i>	71
<b>The Machine Stops</b> <i>E.M. Forster</i>	77
<b>The Instinct of Workmanship</b> <i>Thorstein Veblen</i>	101
<b>The Monastery and the Clock</b> <i>Lewis Mumford</i>	119
<b>Buddhist Economics</b> <i>E. F. Schumacher</i>	125
<b>Do Artifacts Have Politics?</b> <i>Langdon Winner</i>	133
<b>How the Refrigerator Got Its Hum</b> <i>Ruth Schwartz Cowan</i>	151
<b>The Moral Significance of the Material Culture</b> <i>Albert Borgmann</i>	167
<b>Technology, Demography, and the Anachronism of Traditional Rights</b> <i>Robert E. McGinn</i>	175
<b>Computers, Thinking, and Schools in the “New World Economic Order”</b> <i>Monty Neill</i>	193

---

<b>Why the Future Doesn't Need Us</b> <i>Bill Joy</i>	205
<b>Promise and Peril: Genetics, Nanotechnology, and Robotics in the 21st Century</b> <i>Ray Kurzweil</i>	227
<b>The Prolongation of Life</b> <i>Francis Fukuyama</i>	235
<b>The Internet and Social Life</b> <i>John A. Bargh and Katelyn Y. A. McKenna</i>	249
<b>Questioning Surveillance and Security</b> <i>Torin Monahan</i>	267
<b>From Women and Technology to Gendered Technoscience</b> <i>Judy Wajcman</i>	291
<b>Icarus 2.0: A Historian's Perspective on Human Biological Enhancement</b> <i>Michael Bess</i>	303