

CONTENTS

Robots and Political Economy Ryan Kiggins	1
The Politics of Global Value Chains Ronald W. Cox and Michael Wartenbe	17
Drug Smuggling and Automated Borders: A Losing Battle of Escalation or State/Non-state Symbiosis Elaine Carey and Andrae Marak	41
Policy Implications of People Analytics and the Automated Workplace Brett S. Sharp	61
Automatic Medicine? Technology and the Future of Primary Health Care Daniel Skinner and Berkeley Franz	81
Repressive Robots and the Radical Possibilities of Emancipated Automation Sean Noah Walsh and Bryant William Sculos	101

The Political Economy of Bots: Theory and Method in the Study of Social Automation Samuel Woolley	127
The Safe Hand: Liquidity, Money, and Financial Innovation Loren Gatch	157
Against Our Better Judgment: Practical Wisdom in an Age of Smart(er) Machines Leslie Paul Thiele	183
Big Data, Artificial Intelligence, and Autonomous Policy Decision-Making: A Crisis in International Relations Theory? Ryan David Kiggins	211
Diplomacy's Lesson's Learned: First World War Submarine Warfare and the 21st Century Drone Justin Quinn Olmstead	235
Conflict, Cohesion, and Comrades in Arms: Social Implications of Robotics in the Military Mary Manjikian	249
Robots Writing Chinese and Fighting Underwater Gregory Austin	271
Armed Drones: Automation, Autonomy, and Ethical Decision-Making Peter Lee	291
Lethal Autonomous Systems and the Plight of the Non-combatant Ronald Arkin	317

Outlook for Prosperity and Peace in the Emergent Global Political Economy of Robots	327
Ryan Kiggins	
Index	333