

CONTENTS

<i>ACKNOWLEDGMENTS</i>	ix
ONE	
Introduction	1
THE CENTAUR'S DILEMMA	
PART I <i>The Centaur's Dilemma</i>	
TWO	
The New Electricity	11
WHAT IS ARTIFICIAL INTELLIGENCE?	
THREE	
The Perfect Sentinel	30
NATIONAL SECURITY APPLICATIONS	
FOUR	
Sitting on a Hot Frying Pan	46
NATIONAL SECURITY IMPLICATIONS OF AI	

PART II *The Centaur's Choice*

FIVE

Toward a Legal Framework 69

SIX

Constitutional Law 95

SEVEN

**Statutory Regulation of the National
Technology Industrial Base** 143

EIGHT

Arms Control by Analogy 178

NINE

The Means and Methods of War 225

ADDITIONAL ANALOGIES AND POTENTIAL APPLICATIONS

TEN

Completing the Template 254ETHICS, CODES, GUIDELINES, AND CORPORATE
SECURITY RESPONSIBILITY

ELEVEN

The Centaur's Choice 283

CONCLUSION

NOTES 293

INDEX 311