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Measures of Political Behavior; Cues; Signals; Measures of Political Behavior That Are Not Easily Observed; The Central Nervous System and Brain Scans; Measuring the Autonomic Nervous System through Psychophysiology; Hormones in the Expression and Development of Sociopolitical Response; Genetics; Personality, Politics, and Changing Interpretations and Indicators; Conclusions; CHAPTER 4 Comparative Politics, World Politics, and International Relations in Biopolitical Perspective; Coalescence of Fields and Subdisciplines
Comparative Politics and Comparative Political AnalysisPolitical Evolution: The Case of the Origins of the State; International Relations, World Politics, and Biopolitics; The Case of Ethnic Conflict and Recurring Wars; Conclusions; CHAPTER 5 Biology and Political Behavior; Biological Bases of Political Behavior; Health Status and Nutrition; Health, Disability, and Leaders; Biological Bases of Leadership; Social and Cultural Neuroscience; Herding in Humans; Social Trust; Empathy; Aggression and Fear Center; Implications for Policymakers; Emotion, Cognition, and Decision Making
Emotion and CognitionImplications for Policymaking?; Political Ideology and Political Attitudes; Personality and Political Attitudes; Political Groundings; Voting Behavior; Conclusions: Biology and Political Behavior; CHAPTER 6 Biopolicy: Social Issues; Shortcomings of Current Social Policy Analysis; Social Policy and Ethics; The Case of Obesity; Integration of Complex Information Sources; The Case of Public Health; Biopolitical Perspective: Energy Policy and Hydraulic Fracturing; Benefits of Fracking; Risks of Fracking; Conclusions: Human-Centered Biopolicy CHAPTER 7 Ecology and Environmental Issues at the Global Level

Sommario/riassunto

This book examines the development of biopolitics as an academic perspective within political science. It reviews the work of the leading proponents of this perspective and presents a comprehensive view of biopolitics as a framework to structure political inquiry.

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Autore	Komarov Igor V
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Nota di contenuto	Fundamentals of Short Range FM Radar; Contents vii; Preface xiii; Chapter 1 Introduction to Frequency-Modulated Continuous-Wave Radar 3; Chapter 2 Basic Theory of Short-Range FM Radar 11; Chapter 3 Characteristics of the Converted Signal with Different Transmitter Modulations 27; Chapter 4 Integrated Methods of Converted Signal Processing 49; Chapter 5 Spectral Methods of Processing the Converted Signal 89; Chapter 6 Analysis of Constant Frequency Oscillators 125; Chapter 7 Analysis of FM Systems Using Symbolical Abbreviated Equations 151 Chapter 8 Output Voltage of a Frequency-Controlled Oscillator 173Chapter 9 Nonlinearity and Linearization in Varactor Control of FM Oscillators 201; Chapter 10 Theory of the Single-Tuned Transistor Autodyne and Optimization of Its Modes 227; Chapter 11 Autodyne Modes of Transistor Oscillators with Strong Interference 249; List of Symbols 275; About the Authors 281; Index 285
Sommario/riassunto	Here's a unique new resource that offers you a solid understanding of the fundamental theory, operation principles and applications of short-range frequency modulated continuous wave (FM CW) radar. You learn how to choose the structural scheme of short-range FM radar, and determine the optimal algorithm of useful signal processing necessary for ensuring the technical characteristic of radar. Moreover, this practical reference shows you how to ensure the minimum level of

radar signal parasitic amplitude, calculate modulation signal distortion, and compensate for nonlinear distortion.