

Contents

Foreword by W. T. Martin	<i>vii</i>
Introduction and Some Comments on Wiener's Selected Papers by Norman Levinson	1
Contributions of Norbert Wiener to Linear Theory and Nonlinear Theory in Engineering by Y. W. Lee	17
1. Nets and the Dirichlet Problem	35
2. Differential Space	55
3. The Dirichlet Problem	99
4. Generalized Harmonic Analysis	119
5. Tauberian Theorems	261
6. Über eine Klasse Singulärer Integralgleichungen	361
7. The Homogeneous Chaos	372
8. The Ergodic Theorem	412
9. Entropy and Information	430
10. Problems of Sensory Prostheses	431
11. Homeostasis in the Individual and Society	440
12. A Factorization of Positive Hermitian Matrices	444