سرفصل درس نظریه ارگودیک

Refrence:

Computational Ergodic Theory (Algorithms and Computation in Mathematics 13), **Geon Ho Choe**

First weak:

Invariant Measures

1. Invariant Measures
2. Other Types of Continued Fractions

Second weak

3. Shift Transformations
4. Isomorphic Transformations

Third weak

5. Coding Map
7. The baker’s transformation
8. A toral automorphism

fourth and sixth weak

The Birkhoff Ergodic Theorem

1. Ergodicity
2. The Birkhoff Ergodic Theorem
3. The Kronecker-Weyl Theorem
4. Gelfand’s Problem
5. Borel’s Normal Number Theorem

Seventh weak

Homeomorphisms of the Circle

1. Rotation Number
2. Topological Conjugacy and Invariant Measures
3. The Cantor Function and Rotation Number

Eighth weak

Recurrence and Entropy