

# 無限対称群の確率論と調和解析

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## 講義予定

1. 講義の概観, 対称群の既約表現・Young 図形・既約指標
2. Markov 連鎖・Martin 境界, 無限対称群  $\mathfrak{S}_\infty$ , Young グラフ上の調和関数
3. Plancherel 測度, Young 図形の座標, Kerov-Olshanski の多項式関数, 既約指標の漸近公式
4. Young グラフの Martin 境界, 調和関数の積分表示, Bochner の定理
5. 分岐グラフの経路空間, 概収束定理