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- H2:** A. Hora, An Introduction to the Limit Shape Problem for Ensembles of Young Diagrams, SpringerBriefs in Math. Phys., Springer, 約 70 頁, to appear.
- K :** S. V. Kerov, Asymptotic Representation Theory of the Symmetric Group and Its Applications in Analysis, Translations of Mathematical Monographs Vol. 219, Amer. Math. Soc., 2003.
- MV:** V. Malyshev, A. Vershik (eds.), Asymptotic Combinatorics with Application to Mathematical Physics, NATO Science Series II, Vol. 77, Kluwer, 2002.
- V :** A. M. Vershik (ed.), Asymptotic Combinatorics with Applications to Mathematical Physics, Lecture Notes in Math. Vol. 1815, Springer, 2003.

講義予定

1. 講義の概観, 有限群の表現 (Fourier 解析)
2. Kerov 推移測度, 連続 Young 図形, 対称群の分岐則・既約指標
3. Kerov–Olshanski 代数 (含自由キウムラント)
4. 静的モデル (Plancherel 集団)
5. 静的モデル (他の集団, 一般論), 動的モデル