

Index

- Approximate transport map, 117
- Azuma-Hoeffding's inequality, 23

- binomial Jack measure, 76

- Central limit theorem, 15, 52, 60, 73, 86, 94
- Concentration of measure, 22, 42, 49, 66
- Continuous Beta-ensembles, 35
- Correlators, 4

- Discrete Beta-ensembles, 63
- Dyson-Schwinger equation, 4, 11, 47, 58, 93, 98, 106, 115

- Effective potential, 36, 66, 81
- Empirical measure, 4

- Free semi-circular variables, 93

- GUE, 9, 10

- Haar measure, 113
- Heavy tails matrices, 26

- Large deviation principle, 36, 65
- Large deviations from the support, 40
- Light tails entries, 19
- Lozenge tilings, 63

- Maps, 10, 93, 96, 101
- Master operator, 47, 107, 122

- Nekrasov's equations, 69
- Non-commutative derivatives, 92
- Non-commutative law, 91

- Off-critical potential, 49
- Orthogonal Ensemble, 113

- Planar Maps, 10
- Planar maps, 101

- Schur formula, 22
- Semi-circle law, 17
- Stieltjes transform, 20
- Stirling formula, 66

- Topological Expansion, 9

- Topological recursion, 13
- Trace, 91

- Unitary Ensemble, 113
- Universality, 117

- Vandermonde determinant, 35
- Vertices, 10, 96

- Wigner's theorem, 19