NONCOMMUTATIVE HARMONIC ANALYSIS
WITH APPLICATIONS TO PROBABILITY
BANACH CENTER PUBLICATIONS, VOLUME 78
INSTITUTE OF MATHEMATICS
POLISH ACADEMY OF SCIENCES
WARSZAWA 2007

LIST OF TALKS

1. Luigi Accardi (Roma): *Identification of the renormalized powers of white noise with the Virasoro–Zamolodchikov algebra*
2. Teodor Banica (Toulouse): *Integration on free quantum groups*
3. Viacheslav Belavkin (Nottingham): *Noncommutative Radon-Nikodym derivative*
4. Marek Bożejko (Wrocław): *Positive definite functions on Coxeter groups, Hecke operators and second quantization on deformed Fock spaces*
5. Artur Buchholz (Wrocław): *New examples of noncommutative random variables*
6. Benoît Collins (Lyon): *Convergence of unitary matrix integrals*
7. Vito Crismale (Bari): *Linearly singleton algebraic stochastic processes and quantum De Finetti's theorem*
8. P. K. Das (Kolkata): *Optimal control of energy cost functional for a multilevel quantum system*
9. Jan Dereziński (Warszawa): *Quadratic Hamiltonians and their renormalization*
10. Jacques Faraut (Paris VI): *The Wigner theorem and the Heisenberg group*
11. Fumio Hiai (Tohoku): *Orbital approach to the microstate free entropy*
12. Fumio Hiai (Tohoku): *Inequalities related to free entropy*
13. Akihito Hora (Okayama): *Asymptotic and probabilistic aspects of Hirai's character formula for infinite wreath product groups*
14. Jan Janas (Kraków): *Spectral properties of selfadjoint, unbounded Jacobi matrices*
15. Anna Kula (Kraków): *The q-analogue of complete monotonicity*
16. Louis E. Labuschagne (Pretoria): *A representing measure approach to noncommutative function theory*
17. Michael Leinert (Heidelberg): *On the Shirali and Ford theorem*
18. Romuald Lenczewski (Wrocław): *Orthogonality–Subordination–Freeness. Associated convolutions and graph products*
19. Tadeusz Lulek (Rzeszów): *Bethe Ansatz and the geography of rigged strings*
20. Eugene Lytvynov (Swansea): *Particle densities of quasi-free representations of the CAR and CCR*
21. Adam Majewski (Gdańsk): *On a class of decomposable positive maps*
22. Naofumi Muraki (Iwate): *On products for noncommutative polynomial algebras with states*
23. Nobuaki Obata (Tohoku): *Asymptotic spectral analysis of growing graphs and application to quantum walks*

24. Adam Osękowski (Warszawa): *Inequalities for differentially subordinated noncommutative martingales*
25. Adam Paszkiewicz (Łódź): *Classical and quantum almost sure convergences and majorizing measures*
26. Hanna Podsękowska (Łódź): *Sufficiency of quantum statistics*
27. Amarpreet Rattan (MIT): *Polynomials of the symmetric group characters, free probability and combinatorics*
28. Jean Roydor (Besançon): *Completely 1-complemented subspaces of S^p*
29. Yoshihito Shimada (Kyushu): *White noise distribution theory and its application*
30. Michael Skeide (Campobasso): *Continuous product systems have continuous commutants*
31. Daniel Slutsky (Tel Aviv): *Young diagrams and high tensors* (MSc. Thesis under the supervision of Boris Tsirelson)
32. Tomasz Sobieszek (Łódź): *On generalizations of entropy*
33. Franciszek Hugon Szafraniec (Kraków): *The q and its operators*
34. Piotr Śniady (Wrocław): *Generalized Frobenius formula and asymptotics of characters of symmetric groups*
35. Yoshimichi Ueda (Kyushu): *HNN extensions in operator algebras*
36. Janusz Wysoczański (Wrocław): *Boolean-monotonic central limit theorems on symmetric cones*
37. Marcin Zygmunt (Kraków): *Quasi-orthogonal expansions of nonsymmetric operators (on graphs)*