Bibliography of N. C. Phillips

March 2001

1. N. C. Phillips, *K-Theoretic Freeness of Actions of Finite Groups on C*-Algebras*, Ph.D. Thesis, University of California at Berkeley, 1984.

2. N. C. Phillips, *K-theoretic freeness of finite group actions on C*-algebras*, pages 227–243 in: *Group Actions on Rings*, S. Montgomery (ed.), Contemporary Mathematics vol. 43, Amer. Math. Soc., Providence RI, 1985.

3. N. C. Phillips, *Equivariant K-Theory and Freeness of Group Actions on C*-Algebras*, Springer-Verlag Lecture Notes in Mathematics No. 1274, Springer-Verlag, Berlin, Heidelberg, New York, London, Paris, Tokyo, 1987.

4. N. C. Phillips, *Equivariant K-theory for proper actions and C*-algebras*, pages 175–204 in: *Index Theory of Elliptic Operators, Foliations, and Operator Algebras*, J. Kaminker, K. C. Millett, and C. Schochet (eds.), Contemporary Mathematics vol. 70, Amer. Math. Soc., Providence RI, 1988.

5. N. C. Phillips, *Equivariant K-theory for proper actions II: Some cases in which finite dimensional bundles suffice*, pages 205–227 in: *Index Theory of Elliptic Operators, Foliations, and Operator Algebras*, J. Kaminker, K. C. Millett, and C. Schochet (eds.), Contemporary Mathematics vol. 70, Amer. Math. Soc., Providence RI, 1988.

6. N. C. Phillips, *Inverse limits of C*-algebras*, J. Operator Theory **19**(1988), 159–195.

7. N. C. Phillips, *A new approach to the multipliers of Pedersen's ideal*, Proc. Amer. Math. Soc. **104**(1988), 861–867.

8. N. C. Phillips, *Inverse limits of C*-algebras and applications*, pages 127–186 in: *Operator Algebras and Applications Volume 1: Structure Theory: K-Theory, Geometry and Topology*, London Math. Soc. Lecture Note Series No. 135, Cambridge University Press, Cambridge, New York, New Rochelle, Melbourne, Sydney, 1988.

9. N. C. Phillips, *Equivariant K-Theory for Proper Actions*, Pitman Research Notes in Mathematics No. 178, Longman Scientific and Technical, Essex, England, 1989.

10. N. C. Phillips, *Representable K-theory for σ-C*-algebras*, K-Theory **3**(1989), 441–478.

11. N. C. Phillips, *The Atiyah-Segal completion theorem for C*-algebras*, K-Theory **3**(1989), 479–504.

12. N. C. Phillips, *Classifying algebras for the K-theory of σ-C*-algebras*, Canadian J. Math. **41**(1989), 1021–1089.

13. N. C. Phillips, *K-theory and noncommutative homotopy theory*, Proceedings of Symposia in Pure Mathematics vol. 51 (1990), part 2, 255–265.

14. N. C. Phillips, *Equivariant K-theory for proper actions III: uniform bundles and discrete groups*, preprint (1990).

15. N. C. Phillips, *A direct prof of the Bott periodicity theorem in noncommutative homotopy theory*, preprint (1990).

16. N. C. Phillips, *C^∞ loop algebras and noncommutative Bott periodicity*, Trans. Amer. Math. Soc. **325**(1991), 631–651.

17. N. C. Phillips, *K-theory for Fréchet algebras*, International J. Math. **2**(1991), 77–129.

18. N. C. Phillips, *Simple C*-algebras with the property weak (FU)*, Math. Scand. **69**(1991), 127–151.

19. N. C. Phillips and J. R. Ringrose, *Exponential rank in operator algebras*, pages 395–413 in: *Current Topics in Operator Algebras*, H. Araki, etc. (eds.), World Scientific, Singapore, New Jersey, London, Hong Kong, 1991.

20. N. C. Phillips, *Five problems on operator algebras*, pages 133–138 in: *Selfadjoint and Nonselfadjoint Operator Algebras and Operator Theory*, Robert S. Doran (ed.), Contemporary Mathematics vol. 120, Amer. Math. Soc., Providence RI, 1991.

21. N. C. Phillips, *The Toeplitz operator proof of noncommutative Bott periodicity*, J. Austral. Math. Soc. Ser. A **53**(1992), 229–251.

22. N. C. Phillips, *The rectifiable metric on the space of projections in a C*-algebra*, International J. Math. **3**(1992), 679–698.

23. N. C. Phillips, *Approximation by unitaries with finite spectrum in purely infinite simple C*-algebras*, J. Funct. Anal. **120**(1994), 98–106.

24. N. C. Phillips, *How many exponentials?*, Amer. J. Math. **116**(1994), 1513–1543.

25. N. C. Phillips, *The C*-projective length of n-homogeneous C*-algebras*, J. Operator Theory **31**(1994), 253–276.

26. N. C. Phillips, *Reduction of exponential rank in direct limits of C*-algebras*, Canadian J. Math. **46**(1994), 818–853.

27. N. C. Phillips and L. B. Schweitzer, *Representable K-theory of smooth crossed products by* **R** *and* **Z**, Trans. Amer. Math. Soc. **344**(1994), 173–201.

28. N. C. Phillips, *A survey of exponential rank*, pages 353–399 in: *C*-Algebras: 1943–1993 (A Fifty Year Celebration)*, Robert S. Doran (ed.), Contemporary Mathematics vol. 167, Amer. Math. Soc., Providence RI, 1994.

29. N. C. Phillips, *Exponential length and traces*, Proc. Royal Soc. Edinburgh (Section A), **125**(1995), 13–29.

30. N. C. Phillips, *Inner derivations on σ-C*-algebras*, Mathematische Nachrichten **176**(1995), 243–247.

31. N. C. Phillips, *Every invertible Hilbert space operator is the product of seven positive operators*, Canadian Math. Bull. (ser. 2) **38**(1995), 230–236.

32. H. Lin and N. C. Phillips, *Classification of direct limits of even Cuntz-circle algebras*, Memoirs Amer. Math. Soc. no. 565 (1995).

33. H. Lin and N. C. Phillips, *Approximate unitary equivalence of homomorphisms from $\mathcal{O}_\infty$*, J. reine ang. Math. **464**(1995), 173–186.

34. H. Lin and N. C. Phillips, *Almost multiplicative morphisms and the Cuntz algebra $\mathcal{O}_2$*, International J. Math. **6**(1995), 625–643.

35. N. C. Phillips, *Factorization problems in the invertible group of a homogeneous C*-algebra*, Pacific J. Math. **174**(1996), 215–246.

36. G. J. Murphy and N. C. Phillips, *C*-algebras with the approximate positive factorization property*, Trans. Amer. Math. Soc. **348**(1996), 2291–2306.

37. N. C. Phillips, *UHF algebras have neither property (FS′) nor exponential rank 1*, Bull. Sci. Math. **121**(1997), 549–560.

38. N. C. Phillips, *Approximate unitary equivalence of homomorphisms from odd Cuntz algebras*, Fields Institute Communications **13**(1997), 243–255.

39. N. C. Phillips, *Continuous embedding of the rotation algebras in the Cuntz algebra $\mathcal{O}_2$*, pages 65–73 in: *Operator Algebras and Quantum Field Theory*, S. Doplicher, R. Longo, J. E. Roberts, L. Zsido (eds.), International Press, Cambridge MA, 1997. (Reports results of computer experiments.)

40. N. C. Phillips and N. Weaver, *Modules with norms which take values in a C*-algebra*, Pacific J. Math. **185**(1998), 163–181.

41. Q. Lin and N. C. Phillips, *Ordered K-theory for C*-algebras of minimal homeomorphisms*, pages 289–314 in: *Operator Algebras and Operator Theory*, L. Ge, etc. (eds.), Contemporary Mathematics vol. 228, 1998.

42. E. Kirchberg and N. C. Phillips, *Embedding of exact C*-algebras in the Cuntz algebra $\mathcal{O}_2$*, J. reine ang. Math. **525**(2000), 17–53.

43. E. Kirchberg and N. C. Phillips, *Embedding of continuous fields of C*-algebras in the Cuntz algebra $\mathcal{O}_2$*, J. reine ang. Math. **525**(2000), 55–94.

44. N. C. Phillips, *A classification theorem for nuclear purely infinite simple C*-algebras*, Doc. Math. **5**(2000), 49–114 (electronic).

45. L. Ge and N. C. Phillips, *Nonisomorphic simple exact C*-algebras with the same Elliott and Haagerup invariants*, preprint.

46. N. C. Phillips, *Recursive subhomogeneous algebras*, preprint.

47. N. C. Phillips, *Cancellation and stable rank for direct limits of recursive subhomogeneous algebras*, preprint.

48. N. C. Phillips, *Real and exponential rank of tensor products with $\mathcal{O}_\infty$*, J. Operator Theory, to appear.

49. N. C. Phillips, *Type 1 C*-algebras not isomorphic to their opposite algebras*, International J. Math., to appear.

50. M. Nagisa, H. Osaka, and N. C. Phillips, *Ranks of algebras of continuous C*-algebra valued functions*, Canadian J. Math., to appear.

51. Q. Lin and N. C. Phillips, *Direct limit decomposition for C*-algebras of minimal diffeomorphisms*, preprint.

52. H. Lin, N. C. Phillips, and S. Zhang, *Connectedness of the unitary group of certain multiplier algebras*, in preparation. (The proofs are all done.)

53. Q. Lin and N. C. Phillips, *Generic Rokhlin towers in smooth minimal dynamical systems*, in preparation (almost done).

54. Q. Lin and N. C. Phillips, *The structure of C*-algebras of minimal diffeomorphisms*, in preparation.

55. N. C. Phillips, *Many nonisomorphic nonnuclear simple C*-algebras with the same Elliott invariant*, in preparation. (The proofs are all done.)