

1. Abrego, B. M., Ferna'ndez-Merchant, S., Neubauer, M. G., and Watkins, W.: Sum of squares of degrees in a graph, JIPAM. J. Inequal. Pure Appl. Math. 10 (2009), no. 3, Article 64, 34 pp.
2. Accardi, L., Lu, Y., and Volovich, I.: Interacting Fock spaces and Hilbert module extensions of the Heisenberg commutation relations, IIAS Publications, Kyoto, 1997.
3. Accardi, L. and Skeide, M.: Hilbert module realization of the square of white noise and the finite difference algebra, Math. Notes 86 (2000), 803-818, (Rome, Volterra-Preprint 1999/0384).
4. Aharoni, R.: A problem in rearrangements of  $(0; 1)$  matrices, Discrete Math. 30 (1980), no. 3, 191-201.  
[https://doi.org/10.1016/0012-365X\(80\)90226-5](https://doi.org/10.1016/0012-365X(80)90226-5)
5. Ahlswede, R. and Katona, G. O. H.: Graphs with maximal number of adjacent pairs of edges, Acta Math. Acad. Sci. Hungar. 32 (1978), no. 1-2, 97-120.  
<https://doi.org/10.1007/BF01902206>
6. Anick, D. J.: Noncommutative graded algebras and their Hilbert series, J. Algebra 78 (1982), no. 1, 120-140.  
[https://doi.org/10.1016/0021-8693\(82\)90104-1](https://doi.org/10.1016/0021-8693(82)90104-1)
7. Araki, H.: Factorizable representations of current algebra, Publ. Res. Inst. Math. Sci. 5 (1970), 361-422.  
<https://doi.org/10.2977/prims/1195194390>
8. Arveson, W.: Subalgebras of  $C^*$ -algebras, Acta Math. 123 (1969), 141-224.  
<https://doi.org/10.1007/BF02392388>
9. Arveson, W.: Continuous analogues of Fock space, Mem. Amer. Math. Soc., no. 409, American Mathematical Society, Providence, R.I., 1989.  
<https://doi.org/10.1090/memo/0409>
10. Balogh, J. and Bollob'as, B.: Hereditary properties of words, Theor. Inform. Appl. 39 (2005), no. 1, 49-65.  
<https://doi.org/10.1051/ita:2005003>
11. Bhat, B.: An index theory for quantum dynamical semigroups, Trans. Amer. Math. Soc. 348 (1996), 561- 583.  
<https://doi.org/10.1090/S0002-9947-96-01520-6>
12. Bhat, B., Franz, U., and Skeide, M.: Mini-workshop: Product systems and independence in quantum dynamics, in: Oberwolfach Reports 9 (2009) 493-547, Mathematisches Forschungsinstitut Oberwolfach, available at: [http://www.mfo.de/programme/schedule/2009/08b/OWR\\_2009\\_09.pdf](http://www.mfo.de/programme/schedule/2009/08b/OWR_2009_09.pdf).  
<https://doi.org/10.4171/OWR/2009/09>
13. Bhat, B. and Mukherjee, M.: Inclusion systems and amalgamated products of product systems, Infin. Dimens. Anal. Quantum Probab. Relat. Top. 13 (2010), 1-26, (arXiv: 0907.0095v1).  
<https://doi.org/10.1142/S0219025710003924>

14. Bhat, B. and Skeide, M.: Tensor product systems of Hilbert modules and dilations of completely positive semigroups, *Infin. Dimens. Anal. Quantum Probab. Relat. Top.* 3 (2000), 519-575, (Rome, Volterra-Preprint 1999/0370).  
<https://doi.org/10.1142/S0219025700000261>
15. Bhat, B. and Srinivasan, R.: On product systems arising from sum systems, *Infin. Dimens. Anal. Quantum Probab. Relat. Top.* 8 (2005), 1-31.  
<https://doi.org/10.1142/S0219025705001834>
16. Crochemore, M., Mignosi, F., and Restivo, A.: Automata and forbidden words, *Inform. Process. Lett.* 67 (1998), no. 3, 111-117.  
[https://doi.org/10.1016/S0020-0190\(98\)00104-5](https://doi.org/10.1016/S0020-0190(98)00104-5)
17. Davidson, K., Ramsey, C., and Shalit, O.: The isomorphism problem for some universal operator algebras, *Adv. Math.* 228 (2011), 167-218, (arXiv: 1010.0729v2).  
<https://doi.org/10.1016/j.aim.2011.05.015>
18. Ferenczi, S.: Complexity of sequences and dynamical systems, *Combinatorics and number theory (Tiruchirappalli, 1996)*, *Discrete Math.* 206 (1999), no. 1-3, 145-154.  
[https://doi.org/10.1016/S0012-365X\(98\)00400-2](https://doi.org/10.1016/S0012-365X(98)00400-2)
19. Fowler, N.: Discrete product systems of Hilbert bimodules, *Pac. J. Math.* 204 (2002), 335-375.  
<https://doi.org/10.2140/pjm.2002.204.335>
20. Gerhold, M.: On several problems in the theory of comonoidal systems and subproduct systems, Ph.D. thesis, Universität Greifswald, 2015, <http://ub-ed.ub.uni-greifswald.de/opus/volltexte/2015/2244/>.
21. Gerhold, M. and Skeide, M.: Interacting Fock spaces and subproduct systems, Preprint, arXiv: 1808.07037v2, 2018, to appear in: *Infin. Dimens. Anal. Quantum Probab. Relat. Top.*
22. Goulden, I. P. and Jackson, D. M.: An inversion theorem for cluster decompositions of sequences with distinguished subsequences, *J. London Math. Soc. (2)* 20 (1979), no. 3, 567-576.  
<https://doi.org/10.1112/jlms/s2-20.3.567>
23. Guibas, L. J. and Odlyzko, A. M.: String overlaps, pattern matching, and nontransitive games, *J. Combin. Theory Ser. A* 30 (1981), no. 2, 183-208.  
[https://doi.org/10.1016/0097-3165\(81\)90005-4](https://doi.org/10.1016/0097-3165(81)90005-4)
24. Guichardet, A.: *Symmetric Hilbert spaces and related topics*, *Lect. Notes Math.* 261, Springer, Berlin, 1972.  
<https://doi.org/10.1007/BFb0070306>
25. Izumi, M. and Srinivasan, R.: Generalized CCR flows, *Commun. Math. Phys.* 281 (2008) 529-571, (arXiv: 0705.3280v1).  
<https://doi.org/10.1007/s00220-008-0447-z>
26. Katz, M.: Rearrangements of  $(0; 1)$  matrices, *Israel J. Math.* 9 (1971) 53-72.  
<https://doi.org/10.1007/BF02771620>

27. Liebscher, V.: Random sets and invariants for (type II) continuous tensor product systems of Hilbert spaces, Mem. Amer. Math. Soc. 109 (2009), no. 930, xiv+101 pp., (arXiv: math.PR/0306365).  
<https://doi.org/10.1090/memo/0930>
28. MacAulay, F. S.: Some properties of enumeration in the theory of modular systems, Proc. London Math. Soc. (2) 26 (1927), no. 1, 531-555.  
<https://doi.org/10.1112/plms/s2-26.1.531>
29. Morse, M. and Hedlund, G. A.: Symbolic Dynamics, Amer. J. Math. 60 (1938), no. 4, 815-866.  
<https://doi.org/10.2307/2371264>
30. Muhly, P. and Solel, B.: Quantum Markov processes (correspondences and dilations), Int. J. Math. 51 (2002), 863-906, (arXiv: math.OA/0203193).  
<https://doi.org/10.1142/S0129167X02001514>
31. Odlyzko, A. M.: Enumeration of strings, in: Combinatorial algorithms on words (Maratea, 1984), NATO Adv. Sci. Inst. Ser. F Comput. Systems Sci., vol. 12 (1985) 205-228, Springer, Berlin.  
[https://doi.org/10.1007/978-3-642-82456-2\\_14](https://doi.org/10.1007/978-3-642-82456-2_14)
32. Parthasarathy, K. and Schmidt, K.: Positive definite kernels, continuous tensor products, and central limit theorems of probability theory, Lect. Notes Math., no. 272, Springer, Berlin, 1972.  
<https://doi.org/10.1007/BFb0058340>
33. Peled, U. N., Petreschi, R., and Sterbini, A.:  $(n; e)$ -graphs with maximum sum of squares of degrees, J. Graph Theory 31 (1999), no. 4, 283-295.  
[https://doi.org/10.1002/\(SICI\)1097-0118\(199908\)31:4<283::AID-JGT3>3.0.CO;2-H](https://doi.org/10.1002/(SICI)1097-0118(199908)31:4<283::AID-JGT3>3.0.CO;2-H)
34. Pimsner, M.: A class of  $C^*$ -algebras generalizing both Cuntz-Krieger algebras and crossed products by  $Z$ , in: Free probability theory, Fields Inst. Commun. 12 (1997) 189-212, Amer. Math. Soc., Providence, RI.  
<https://doi.org/10.1090/fic/012/08>
35. Powers, R.: Addition of spatial  $E_0$ -semigroups, in: Operator algebras, quantization, and noncommutative geometry, Contemporary Mathematics 365 (2004) 281-298, Amer. Math. Soc., Providence, RI.  
<https://doi.org/10.1090/conm/365/06707>
36. Schürmann, M.: White noise on bialgebras, Lect. Notes Math. 1544, Springer, Berlin, 1993.  
<https://doi.org/10.1007/BFb0089237>
37. Shalit, O. and Skeide, M.: CP-Semigroups, dilations, and subproduct systems: The multi-parameter case and beyond, Preprint, arXiv: 2003.05166, 2020.
38. Shalit, O. and Solel, B.: Subproduct systems, Documenta Math. 14 (2009), 801-868, (arXiv: 0901.1422v2).

39. Shur, A. M.: Factorial languages of low combinatorial complexity, in: Developments in language theory, Lecture Notes in Comput. Sci. 4036 (2006) 397-407, Springer, Berlin.  
[https://doi.org/10.1007/11779148\\_36](https://doi.org/10.1007/11779148_36)
40. Shur, A. M.: On intermediate factorial languages, Discrete Appl. Math. 157 (2009), no. 7, 1669-1675.  
<https://doi.org/10.1016/j.dam.2008.09.007>
41. Skeide, M.: Commutants of von Neumann modules, representations of  $Ba(E)$  and other topics related to product systems of Hilbert modules, in: Advances in quantum dynamics, Contemporary Mathematics 335 (2003) 253-262, Amer. Math. Soc., Providence, R.I., (Preprint, Cottbus 2002, arXiv: math.OA/0308231).  
<https://doi.org/10.1090/conm/335/06015>
42. Skeide, M.: The index of (white) noises and their product systems, Infin. Dimens. Anal. Quantum Probab. Relat. Top. 9 (2006) 617-655, (Rome, Volterra-Preprint 2001/0458, arXiv: math.OA/0601228).  
<https://doi.org/10.1142/S0219025706002573>
43. Skeide, M.: Isometric dilations of representations of product systems via commutants, Int. J. Math. 19 (2008) 521-539, (arXiv: math.OA/0602459).  
<https://doi.org/10.1142/S0129167X08004790>
44. Skeide, M.: Unit vectors, Morita equivalence and endomorphisms, Publ. Res. Inst. Math. Sci. 45 (2009) 475-518, (arXiv: math.OA/0412231v5 (Version 5)).  
<https://doi.org/10.2977/prims/1241553127>
45. Stanley, R. P.: Hilbert functions of graded algebras, Advances in Math. 28 (1978), no. 1, 57-83.  
[https://doi.org/10.1016/0001-8708\(78\)90045-2](https://doi.org/10.1016/0001-8708(78)90045-2)
46. Streater, R.: Current commutation relations, continuous tensor products and infinitely divisible group representations, in: Local quantum theory (1969) 247-263, Academic Press, New York.
47. Tsirelson, B.: From random sets to continuous tensor products: answers to three questions of W. Arveson, Preprint, arXiv:math.FA/0001070, 2000.
48. Tsirelson, B.: From slightly coloured noises to unitless product systems, Preprint, arXiv: math.FA/0006165, 2000.
49. Tsirelson, B.: Graded algebras and subproduct systems: dimension two, Preprint, arXiv: 0905.4418v1, 2009.
50. Tsirelson, B.: Subproduct systems of Hilbert spaces: dimension two, Preprint, arXiv: 0906.4255v1, 2009.