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LIST OF PUBLICATIONS

Bernt Øksendal

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Books (monographs, textbooks, proceedings) are written in **boldface**.

1. "Selected Topics from Rational Approximation" (In Norwegian)
   (141 pages). Cand. Real. thesis at the University of Oslo 1970.

2. "R(X) as a Dirichlet algebra and representation of orthogonal measures by differentials".
Math. Scand. 29 (1971), 87-103.

3. (Joint work with A.M.Davie) "Rational approximation on the union of sets".
Proc. Amer. Math. Soc. 29 (1971), 581-584.

4. "A short proof of the F. and M. Riesz theorem".
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5. "Peak Sets and Interpolation Sets for some Algebras of Analytic Functions"
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6. "Null sets for measures orthogonal to R(X)".
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7. (Joint work with A.M. Davie) "Peak interpolation sets for some algebras of analytic functions". Pacific Journal of Mathematics 41 (1972), 81-87.

8. (Joint work with E. Briem and A.M. Davie) "A functional calculus for pairs of commuting non-unitary contractions".
J. London Math. Soc. 7 (1973), 709-718.

9. **"Spaces of Analytic Functions"**.
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Edited by O.B. Bekken, A. Stray and B. Øksendal. Springer Lecture Notes in Mathematics Vol. 512 (1976) (204 + VIII pages).

10. "Gleason parts separated by smooth curves".
J. Functional Analysis 22 (1976), 283-294.

11. (Joint work with K. Sydsæter) **"Linear Algebra"** (In Norwegian).
Universitetsforlaget, Oslo. First edition 1977. Fourth edition 1996 (312 pages).

12. "The solution of a minimax problem connected to the irreducibility of polynomials".
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13. "A Wiener test for integrals of Brownian motion and the existence of smooth curves in nowhere dense sets".
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15. "Brownian motion and sets of harmonic measure zero".
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16. (Joint work with A.M. Davie)
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"A characterization of harmonic measure and Markov processes whose hitting distributions are preserved by rotations, translations and dilatations".
Ann. Institut Fourier 32 (1982), 221-232.

18. "Projection estimates for harmonic measure".
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20. "A stochastic proof of an extension of a theorem of Rado".
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21. "Finely harmonic morphisms, Brownian path preserving functions and conformal martingales". Inventiones Math. 75 (1984), 179-187.

22. **"Stochastic Differential Equations. An Introduction with Applications".**
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23. "Finely harmonic functions with finite Dirichlet integral with respect to the Green measure".
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