

Utvalgte tidsskrift artikler
i matematikk
Audun Holme

1. A General Theory of Structure Spaces
Fundamenta Mathematica, 1966

2. On a Generalization of the $C(X)$ -characterisation
of Topological Spaces. Mathematica Scan-
dinavia, 1966

3. Formal Embedding and Projection Theorems.
American Journal of Mathematics, 93:527
– 571, 1971.

4. Projections of Non Singular Projective
Varieties. Journal of Mathematics of Kyo-
to University, 13:310 – 322, 1973.

5. A General Embedding Theorem in For-
mal Geometry. Compositio Mathematica,
26:41 – 68, 1973.

6. Embedding Obstruction for Smooth, Projective Varieties I. In G. C. Rota, editor, *Studies in Algebraic Topology*, pages 39 – 67, *Advances in Mathematics Supplementary Series*, Volume 4. Addison - Wesley Publishing Company, 1979. Preprint from 1972, University of Bergen Preprint Series in Pure Mathematics.

7. Embedding Obstruction for Singular Algebraic Varieties in P^n . *Acta Mathematica*, 135:155 – 185, 1975.

8. with Joel Roberts. Pinch Points and Multiple Locus for Generic Projections of Singular Varieties. *Advances in Mathematics*, 33:212 – 256, 1979.

9. Deformation and Stratification of Secant Structure. In *Algebraic Geometry, Tromsø 1977*, *Lecture Notes in Mathematics*, 687, Springer - Verlag, Berlin, Heidelberg, New York, 1977.

10. On the Dual of a Smooth Variety. In Algebraic geometry. Copenhagen 1978, pages 144 – 156, Lecture Notes in Mathematics, 732, Springer - Verlag, Berlin, Heidelberg, New York, 1979.
11. Some Computing Aspects of Projective Geometry I. Basic functions, algorithms and procedures. Technical Report, Series in Pure Mathematics, University of Bergen, 1980.
12. Classification in Projective Algebraic Geometry. In Proceedings of the 18th. Scandinavian Congress of Mathematicians, Progress in Mathematics 11, Birkhäuser Verlag, Boston, Basel, Stuttgart, 1981.
13. On the Classification of Smooth Projective Subvarieties of P^n . In Algebraic Geometry, Alexander Humboldt Universität, Berlin, Teubner Verlag, Berlin, 1986.
14. Computation of Some Projective Invariants. In Singularities, pages 585 – 591, Proceedings of Symposia in Pure mathematics, Volume 40, part 1, American Mathematical Society, 1983.

15. with Michael Schneider. A Computer Aided Approach to Codimension 2 Subvarieties of $\mathbb{P}_n, n \geq 6$. *Journal für die reine und angewandte Mathematik*, 357:205 – 220, 1985.
16. with Joel Roberts. On the Embeddings of Projective Varieties. 1987. *Proceedings of the Sundance Symposium*. Springer Lecture Notes in Mathematics.
17. The Geometric and Numerical Properties of Duality in Projective Algebraic Geometry. 1988. *Manuscripta Mathematicae*, 61, 145 – 162.
18. Codimension 2 Subvarieties of Projective Space. 1989. *Manuscripta Mathematica*.
19. with Joel Roberts. Zak's superadditivity theorem. 1995. *Arkiv för matematik*.
20. A Combinatorial Proof of The Duality Defect Conjecture in Codimension 2 *Discrete Mathematics* 241 (2001), pp. 363-378.