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Nota di contenuto	""4. COMPONENTS OF THE HILBERT SCHEME STRATA 4""""4A. Hilbert functions of $m^{\sup(u)}$ and $0 : m^{\sup(v)}$ and semicontinuity""; ""4B. Components of $\text{Gor}_{\text{sub}(T)}R$ when $T = (1,3,3,2,1,1)$ ""; ""4B.i. The variety $\text{Gor}_{\text{sub}(T)}R$ ""; ""4B.ii. Fibration $\text{Gor}_{\text{sub}(T)}R$ to $G_{\text{sub}(T)}$: Parametrization as fibred varieties""; ""4C. Finding $Q(a)$ from a generator of the dual module""; ""5. WHAT DECOMPOSITIONS D AND SUBQUOTIENTS $Q(a)$ CAN OCCUR?""; ""5A. Hilbert function of a graded Gorenstein Artin algebra""; ""5B. Numerical conditions on the decomposition D "" ""5C. Gorenstein Artin algebras with given decomposition D """"5D. Applications""; ""5E. Problems""; ""5F. Appendix: Hilbert function decompositions for lengths n a?? 21 when e a?? 3, and for n a?? 16""; ""5F.i. Hilbert functions of unique decomposition""; ""5F.ii. Hilbert functions having several decompositions""; ""5F.iii. Discussion""; ""6. RELATIVELY COMPRESSED ARTIN ALGEBRAS""; ""BIBLIOGRAPHY""; ""LIST OF THEOREMS, DEFINITIONS, AND EXAMPLES""; ""INDEX""; ""A""; ""B""; ""C""; ""D""; ""E""; ""F""; ""G""; ""H""; ""I""; ""L""; ""M""; ""N""; ""P""; ""R""; ""S""; ""T""; ""U""; ""V""

