

QUOTIENTS OF CLEMENTS-LINDSTROM RINGS OF GIVEN LENGTH

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ABSTRACT. We show that given a Clements-Lindstrom ring R and an admissible length there exists a quotient of R which has the largest total Betti numbers among all other quotients of the same length.

The analogous result for polynomial rings was proved by Valla in 1994. This is joint work with M. Lindsey.