

Local rings of embedding codepth 3. Examples

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A complete local ring of embedding codepth 3 has a minimal free resolution of length 3 over a regular local ring. Such resolutions carry a differential graded algebra structure, based on which one can classify local rings of embedding codepth 3. We give examples of algebra structures that have been conjectured not to occur.

My talk is based on my recent paper with Lars W. Christensen.