

ON ALMOST REGULAR SEQUENCES

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The talk will discuss possible ways of defining the concept of almost regular sequences as part of almost ring theory in the sense of Paul Roberts.

The purpose of the talk is to suggest tools of investigation of almost Cohen-Macaulay algebras and explain their relationship to the almost vanishing of local cohomology modules in light of the work by Ray Heitmann on the direct summand conjecture and Paul Roberts on the connections of this conjecture to almost ring theory.