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Satoshi Murai*, Department of Pure and Applied Mathematics, Information Science and Technology, Osaka University, Toyonaka, Osaka 560-0043, Japan. *On the componentwise linearity of lex ideals in toric rings.*

Recently, Gasharov, Horwitz and Peeva introduced lex ideals in toric rings. One of the interesting problems on lex ideals in toric rings is to study the structure of the minimal free resolution of lex ideals. I will discuss toric rings in which all lex ideals are componentwise linear. (Received August 09, 2008)