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*When is a Square-Free Monomial Ideal of Linear Type ?*

In 1995 Villarreal gave a combinatorial description of the presentation ideals of Rees algebras of quadratic square free monomial ideals. His description was based on the concept of closed even walks in a graph. In this paper we will generalize his results for hypergraphs. Our approach is based on giving a definition of closed even walks in a simplicial complex. We apply this combinatorial method to square free monomial ideals of higher dimension.