Fields Institute Workshop Jordan Algebras and Related Fields (Sept. 21-24, 2005 at the University of Ottawa — Abstracts)

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Infinite dimensional Lie and Jordan algebras

In this review we will have a look to some results concerning the structure of (\mathbb{Z} - graded) infinite dimensional Lie and Jordan algebras, comparing the results in both cases. We will pay special attention to the case of prime \mathbb{Z} -graded Lie algebras of growth one.