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*Subdirect sums and fibre sums of Lie algebras*

We will discuss subdirect sums and fibre sums of Lie algebras and show that some group theoretic results on subdirect products and fibre products due to Baumslag, Bridson, Roseblade, Howie, Miller and Short have versions for Lie algebras. In particular we will discuss subdirect sums of finitely generated free Lie algebras and will give some sufficient conditions for the fibre sum of two Lie algebras to be finitely presented in terms of generators and relations (this is a Lie algebra version of the 1-2-3 Theorem from group theory). This is a joint work with Conchita Martínez-Perez (Zaragoza).