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Covering Algebras of Kac-Moody algebras and EALA's

We discuss a natural generalization of Kac's idea of covering algebras of the finite dimensional simple Lie algebras. Particular attention will be paid to the case of EALA's and symmetrizable Kac-Moody Lie algebras. This is a report of joint work with B. Allison and A. Pianzola.