



SK₁ and Lie Algebras

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We investigate the vanishing of the group $SK_1(A(G))$ for the Iwasawa algebra $A(G)$ of a pro- p p -adic Lie group G (with p different from 2). We reduce this vanishing to a linear algebra problem for Lie algebras over arbitrary rings, which we solve for Chevalley orders in split reductive Lie algebras.

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