
Mathematics Subject Classification 2000: 17B10; 17B50; 68Q15; 68Q17

Keywords: Modular simple Lie algebra of type $B$, universal enveloping algebra, maximal ideal, Cramer’s rule, $P \neq NP$,

Reviewer: Jörg Feldvoss (8086)

The authors of the paper under review purport to prove $P \neq NP$ by considering a certain counting problem related to the coefficients of an element in the factor space of a maximal ideal in the universal enveloping algebra of a simple Lie algebra of type $B$ over an algebraically closed field of characteristic $p > 5$. 