Review of: "SAT is as hard as solving Homogeneous Diophantine Equation of Degree Two"

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Potential competing interests: No potential competing interests to declare.

The proofs of mathematical assertions given in the paper are sufficiently complete and correct, provided that the author cites the sources correctly. But the title of the paper is puzzling because it is proved that the SAT problem is polynomially reduced to the solution of bounded homogeneous Diophantine equations of degree two (the BHDE problem), thus the second problem is not less hard than the first one, while the title states almost the opposite. It would also be desirable to see the description in detail of the algorithms with which the author is going to solve that variant of the BHDE problem, which is obtained by described reduction if the author desires to create a mathematical article. Or needs to develop software.