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ON BINARY QUADRATIC EQUATION

$$3x^2 - 2y^2 + 6(2x - 2y - 1) = 1$$

P. Thirunavukarasu and S. Sriram

Abstract

The binary quadratic equation $3x^2 - 2y^2 + 6(2x - 2y - 1) = 1$ is studied for its non-trivial integral solutions. A few interesting relations among the solutions are presented.

Keywords and phrases: binary quadratic, Diophantine equation, integral solutions. Received January 24, 2013

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