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On sums of three squares,
Fibonacci Quart. 44 (2006), no. 1, 71-72.

## Abstract

It is known that $(1)$ if the prime $p \equiv 3(\bmod 4)$, then a multiple of $p$ is a sum of three squares. (This fact is needed in a proof of Lagrange's four square theorem.) In this note, we present a constructive proof of (1).

