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Sarah Blackwell, Gabriel Durham, Katherine Thompson and Tiffany Treece*
(treece@uga.edu). *A Generalization of Mordell to Ternary Quadratic Forms.*

Mordell in 1958 gave a new proof of the three squares theorem. We generalize those techniques to characterize the integers represented by the remaining six “Ramanujan-Dickson ternaries” as well as three other ternary forms. (Received August 06, 2015)