

1077-11-140

Amitabha Tripathi* (at1089@gmail.com), Department of Mathematics, Indian Institute of Technology, Hauz Khas, New Delhi, 110016, India. *On the number of positive integers not representable by a linear form in three variables.*

For positive integers a, b, c that are coprime, we denote by $n(a, b, c)$ the number of positive integers that are not expressible by the form $ax + by + cz$ with x, y, z nonnegative integers. We give exact formulae for $n(a, b, c)$ that covers almost all cases of a, b, c . (Received August 01, 2011)