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Jaewoo Lee* (jlee@bmcc.cuny.edu), Department of Mathematics, Borough of Manhattan Community College, 199 Chambers Street, New York, NY 10007. *Geometry of Numbers and Sumsets.*

There are many interesting connections between geometry and number theory. We will mention some of the recent developments on these connections. We will also mention how sumsets of finitely many lattice points give an approximation to lattice points inside dilated polytopes. (Received September 20, 2011)