Mathematical
Inequalities
& Applications
Volume 8, Number 4 (2005), 565–570

PSEUDO–SYMMETRIC MODULAR DIOPHANTINE INEQUALITIES

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Abstract. In this paper we study and characterize those Diophantine inequalities $ax \bmod b \leqslant x$ whose set of solutions is a pseudo-symmetric numerical semigroup.

Mathematics subject classification (2000): 20M14,s 13H10.
Key words and phrases: numerical semigroups, symmetric, pseudo-symmetric, modular Diophantine inequalities, Frobenius number.

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Paper MIA-08-52