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A parametric integer program consists of an integral matrix  $A \in Z^{m \times n}$  and a polyhedron  $Q \subseteq R^m$ . The problem is to determine, whether there exists a right-hand-side  $b \in Q$  such that  $Ax \leq b$  is an integer infeasible inequality system. Kannan showed that this problem can be solved in polynomial time, if the number of columns  $n$  of  $A$  and the affine dimension of  $Q$  are fixed. In this talk we show that there exists an extension of this algorithm which runs in polynomial time under the only requirement that the number of columns of  $A$  is fixed. (Received January 24, 2009)