

# On the quantitative Subspace Theorem

Jan-Hendrik Evertse

## Abstract

In this survey we give an overview of recent improvements upon the Quantitative Subspace Theorem, obtained jointly with R. Ferretti, which is to appear. Further, we give a new gap principle with which we can estimate the number of subspaces containing the “small solutions” of the systems of inequalities being considered. As an introduction, we start with a quantitative version of Roth’s Theorem.