## Barbara Majcher-Iwanow Strong boundedness and algebraically closed groups

Comment.Math.Univ.Carolin. 48,2 (2007) 205-209.

**Abstract:** Let G be a non-trivial algebraically closed group and X be a subset of G generating G in infinitely many steps. We give a construction of a binary tree associated with (G, X). Using this we show that if G is  $\omega_1$ -existentially closed then it is strongly bounded.

**Keywords:** strongly bounded groups, existentially closed groups **AMS Subject Classification:** 20E08, 20F65, 20A15