1054-11-161 **Vsevolod F Lev*** (`seva@math.haifa.ac.il`), Department of Mathematics, The University of Haifa at Oranim, 36006 Tivon, Israel. *Character-free approach to progression-free sets.* Preliminary report.

We present a purely combinatorial argument leading to Meshulam's bound for the density of a progression-free set in a finite vector space. (Received September 13, 2009)