

??????????, ????? ?. ?, ??????????? (?????? ???? ?????, 6. VII 1969). ?????????? ?????????
????????????? ? ????????, ??? ???? ????? ???? ????? ? ??????, ?????? 1994, ? ????????????? ??????,
???? ???? ????? ???? ?????, 1996. ????????? ? ? „????????? ???? ????? ????”, ?????? 2000. ??
???? ???? ?????, ?? ??, ?? ???? ?????, ?????? ???????. ?? 1998. ?????? ? ????????????? ?????????
????, ? ?? 2008. ? ????? ???? ???? ???? ?????. ?????? ? ???? ????????? ???? (?? 2006) ? ??
????????? ?????? ? ???? (2010) ? ?????? ???? (2011) ? ??????. ????? ? ?.
????? ? ???? ???? ???? ???? ???? ? ???? ???? ???? ? ???? ???? ?
?????????. ?????? ? ???? ???? ???? ???? ??: ????? ???? „????????-????” ?
???? ? ? $k=3$, ????? ? ???? ? ???? ? ???? ? ???? ? ???? (? I. Bárány, A. Szűcs,
„Equipartitioning by a convex 3-fan", *Advances in Math.*, 2010, 223), ????? Bárány-Larman ??????. ??
????? ? ? ? 50 ????? ????
????????????, ?????
?????????
?????????. ? ?????? *Notices of AMS* (???? 2011) ?????? ? ???? ???? „3N Colored Points in a
Plane", ?????? ???? ??????.

????: ? A. Dimitrijevi? Blagojevi?, „Using equivariant obstruction theory in combinatorial geometry", *Topology and
its Applications*, 2007, 154, 14; ? S. Vre?ica, R. Živaljevi?, „Computational topology of equivariant maps from
spheres to complements of arrangements", *Trans. Amer. Math. Soc.*, 2009, 361; ? G. Ziegler, „Tetrahedra on
Deformed and Integral Group Cohomology", *The Electronic Journal of Combinatorics*, 2009, 16, 2, R16; ? B.
Matschke, G. Ziegler, „Optimal bounds for a colorful Tverberg-Vrećica type problem", *Advances in Math.*, 2011,
226.

???????? ???? ?

*???? ? ? ?????? ? 2. ???? I ???? ????? ????????????? (2011)