

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

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