

Zbl 285.05004

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*Remark on a theorem of Lindström.* (In English)

**J. Comb. Theory, Ser. A 17, 129-130 (1974).**

The author proves the following theorem: Let  $|\mathcal{S}| = k > \aleph_0$ ,  $A_\alpha$ ,  $1 \leq \alpha < \omega_m$ , are  $m$  subsets of  $\mathcal{S}$ , if  $m > k$ . Then there are  $m$  disjoint sets of indices  $I_\gamma$  so that the  $m$  sets  $\bigcup_{j \in I_\gamma} A_j$  are all equal. If  $m \leq k$  the theorem is not true.

Classification:

05A05 Combinatorial choice problems