

## LIST OF PUBLICATIONS OF G.O.H. KATONA

### 1. Scientific publications

- [1]. G. Katona, Intersection theorems for systems of finite sets, *Acta Math. Acad. Sci. Hungar.* **15**(1964) 329-337.
- [2]. G. Katona, T. Nemetz and M. Simonovits, On a graph-problem of Turán (in Hungarian), *Mat. Lapok* **15**(1964) 228-238.
- [3]. G. Katona, On a conjecture of Erdős and a stronger form of Sperner's theorem, *Studia Sci. Math. Hungar.* **1**(1966) 59-63.
- [4]. G. Katona, On separating systems of a finite set, *J. Combin. Theory* **1**(1966) 174-194.
- [5]. G. Katona, E. Szemerédi, On a problem of graph theory, *Studia Sci. Math. Hungar.* **2**(1967) 23-28.
- [6]. G. Katona, G. Tusnádi, The principle of conservation of entropy in a noiseless channel, *Studia Sci. Math. Hungar.* **2**(1967) 29-35.
- [7]. G. Katona, A theorem of finite sets, *Theory of Graphs, Proc. Coll. held at Tihany, Hungary, September, 1966* (Akadémiai Kiadó, Budapest, 1968) 187-207, reprinted in *Classic Papers in Combinatorics*, Ed. I. Gessel and G.-C. Rota, Birkhäuser, Boston, 1987.
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- [14]. G. Katona, How many sums of vectors can lie in a circle of radius  $\sqrt{2}$ ? *Combin. Theory and its Appl., Balatonfüred, Hungary, 1969, Coll. Math. Soc. J. Bolyai* **4** (Math. Soc. J. Bolyai, Budapest, 1970) 687-693.
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- [16]. G.O.H. Katona, D.O.H. Szász, Matching problems, *J. Combin. Theory Ser B* **10**(1971) 60-92.
- [17]. G. Katona, Sperner type theorems, Thesis for "candidate" degree, Hungarian Academy of Sciences, Budapest, 1972.

- [18]. G.O.H. Katona, A generalization of some generalizations of Sperner's theorem, *J. Combin. Theory Ser B* **12**(1972) 72-81.
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