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**Generalisation of collector's problem.**

Billich, Martin (ed.), *Mathematica IV*. Proceedings of the Polish-Czech-Slovak mathematical conference, Catholic University Ružomberok, Spišská Kapitula, Slovakia, June 5–8, 2012. Ružomberok: Verbum, Catholic University in Ružomberok Press (ISBN 978-80-8084-954-2/pbk). *Scientific Issues*, 173-175 (2012).

Summary: The paper deals with a generalisation of the so called collector's problem, a known problem from probability theories, when we are interested either in:

- how many cards we should buy in order that an event with a given probability happens or
- how many cards we have to buy on average to make a collection complete. The generalisation is based on a more realistic background when we do not buy cards separately but in sets of several pieces.

*Classification:* K50 K30

*Keywords:* probability; collector's problem; stochastic graph

[http://math.ku.sk/data/konferenciasub/CPSMC2012/Mathematica.IV\\_print\\_2012.pdf](http://math.ku.sk/data/konferenciasub/CPSMC2012/Mathematica.IV_print_2012.pdf)