

Year: 2014

Vol.: 85

Fasc.: 3-4

**Title:** Strong limit theorems in the multi-color generalized allocation schem

**Author(s):** Alexey Chuprunov and István Fazekas

The generalized allocation scheme is studied. Its extension for coloured balls is defined. Some analogues of the Law of the Iterated Logarithm and the Strong Law of Large Numbers are obtained for the number of boxes containing fixed numbers of balls.

**Address:**

Alexey Chuprunov  
Department of Probability Theory  
and Mathematical Statistics  
Chebotarev Institute  
of Mathematics and Mechanics  
Kazan State University  
Universitetskaya 17, 420008 Kazan  
Russia

**Address:**

István Fazekas  
Faculty of Informatics  
University of Debrecen  
4010 Debrecen, P.O. Box 12  
Hungary