CORRECTION

Correction: Choice Functions

Ron Aharoni[1] · Joseph Briggs[2]

Correction to: Order (2023) 40:217–235
https://doi.org/10.1007/s11083-022-09604-8

The publisher regrets that the article "Choice Functions" by Ron Aharoni and Joseph Briggs was published in issue 40(1) pp. 217-235. The article should be regarded as part of this special issue "Algebras, Graphs and Ordered Sets – ALGOS 2020 & the Mathematical Contributions of Maurice Pouzet". Please find here an abstract of the original publication.

Abstract. This is a survey paper on rainbow sets (another name for "choice functions"). The main theme is the distinction between two types of choice functions: those having a large (in the sense of belonging to some specified filter, namely closed-up set) image, and those that have a large domain and small image, where "smallness" means belonging to some specified complex (a closed-down set). The paper contains some new results: (1) theorems on scrambled versions, in which the sets are re-shuffled before choosing the rainbow set, and (2) results on weighted and cooperative versions - defined in the article.

Publisher's Note Springer Nature remains neutral with regard to jurisdictional claims in published maps and institutional affiliations.

The original article can be found online at https://doi.org/10.1007/s11083-022-09604-8.

✉ Joseph Briggs
  jgb0059@auburn.edu

  Ron Aharoni
  ra@tx.technion.ac.il

[1]   Department of Mathematics, Technion, Haifa, Israel

[2]   Department of Mathematics, Auburn University, Auburn, AL, USA