Erratum

Vladimir D. Tonchev
Department of Mathematical Sciences
Michigan Technological University
Houghton, Michigan 49931
USA

A recent recomputing of the Steiner triple systems on 21 points with an automorphism of order 7 fixing 7 points showed that there are 8 non-isomorphic solutions, not 11, as claimed in [1]. Correspondingly, those produce 5 non-isomorphic Kirkman triple systems (not 6) with underlying design that does not admit an automorphism of order 7 without fixed points. This error was supposedly due to a fault in the isomorphism-automorphism module I had used at that time.

The easiest way to correct the data in [1] is to ignore designs 5, 7, and 8 from Table 1, 2 and Kirkman system 5 from Table 3, since these designs are isomorphic to some of the remaining designs.

I would like to thank Stojan Kapralov and Alex Rosa who pointed out to me some of the above mentioned discrepancies.

References

[1] Vladimir D. Tonchev, Steiner triple systems of order 21 with automorphisms of order 7, *Ars Combinatoria* **23** (1987), 93–96.