

## Erratum to: Constructing Highly Incident Configurations

Leah Wrenn Berman

Published online: 23 December 2010  
© Springer Science+Business Media, LLC 2010

### Erratum to: Discrete Comput Geom DOI 10.1007/s00454-010-9279-7

The paper “Constructing Highly Incident Configurations” contains a confusing typo in Sect. 4.2, proving the inductive step, Case 1: vertices. In this section, we wish to show that the set of vertices  $(v_{\tau}^{\hat{\sigma}})_i$  is well-defined. To do this, we need to show that for any  $g$  and  $h$  in  $\tau$ , the previously constructed pairs of lines  $\{(L_{g\tau}^{\hat{\sigma}})_i, (L_{g\tau}^{\hat{\sigma}})_{i+t_g}\}$  and  $\{(L_{h\tau}^{\hat{\sigma}})_i, (L_{h\tau}^{\hat{\sigma}})_{i+t_h}\}$  intersect in a single point,  $(v_{\tau}^{\hat{\sigma}})_i$ . In the original, the subscripts  $i + t_g$  and  $i + t_h$  were switched.

The proof follows as written, but the conclusion which follows from applying the Points Completion Lemma should again have the subscripts  $i + t_g$  and  $i + t_h$  switched.

---

The online version of the original article can be found under doi:[10.1007/s00454-010-9279-7](https://doi.org/10.1007/s00454-010-9279-7).

L.W. Berman (✉)  
Department of Mathematics and Statistics, University of Alaska Fairbanks, P.O. Box 756660,  
Fairbanks, AK 99775-6660, USA  
e-mail: [lwberman@alaska.edu](mailto:lwberman@alaska.edu)