

Remark on the paper

“Non-constructible simplicial balls and a way of testing constructibility,”  
(by M. Hachimori, *Discrete & Comput. Geom.*, 22 (1999), 223-230.)

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As explained in the Remark 3.23 of the paper “On locally constructible spheres and balls” by B. Benedetti and G.M. Ziegler (arXiv:0902.0436), the proof of Lemma 2 contains a gap. The ‘if’ part is not satisfactorily explained by the method explained. Currently, we do not know whether the claim of the lemma is true or not.

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