

## LEMMA 2.61

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I'll reproduce the Lemma and its proof here.

**Lemma (2.61).** For a locally-finite median graph  $(X, G)$  with finite hyperplanes, each end has a neighborhood basis of half-spaces.

*Proof.* Let  $U \in \widehat{X} \setminus X$  be an end,  $\hat{A} \ni U$  be a clopen neighborhood where  $A \in \mathcal{H}_{\partial < \infty}(X)$ . By Corollary 2.34,  $\text{cvx}(\partial_{\text{ov}} A) \subseteq X$  is finite. By Lemma ■