

**Wise, Daniel T.**

*The residual finiteness of negatively curved polygons of finite groups.* (English)  
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Summary: A subgroup  $M \subset G$  is almost malnormal provided that for each  $g \in G - M$ , the intersection  $M^g \cap M$  is finite. It is proven that the free product of two virtually free groups amalgamating a finitely generated almost malnormal subgroup, is residually finite. A consequence of a generalization of this result is that an acute-angled  $n$ -gon of finite groups is residually finite if  $n \geq 4$ . Another consequence is that if  $G$  acts properly discontinuously and cocompactly on a 2-dimensional hyperbolic building whose chambers have acute angles and at least 4 sides, then  $G$  is residually finite.

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