Simplicial complexes associated to 2-generated Artin groups

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We consider two combinatorial approaches to non-positive curvature of Artin groups. First we describe the systolic complex $Y$ constructed by Huang and Osajda in [2] and secondly the simplicial complex $X(\mathcal{G})$ described by Bestvina in [1]. In the case of two-generated Artin groups, we show how those two complexes relate to each other.

References
