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**Joseph Loeffler\***, **John Meier** (meierj@lafayette.edu) and **James Worthington**. *Graph products and Cannon pairs*.

A pair  $(G, A)$  consisting of a group  $G$  and a finite generating set  $A$  is a *Cannon pair* if the language of all geodesics in the associated Cayley graph is regular. We prove that the Cannon pair property is preserved by graph products and indicate applications of this result to the geodesic and spherical growth series of graph products. (Received October 02, 2000)