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Theron J Hitchman* (theronhitchman@gmail.com), 1227 W. 27th St., Mathematics, University of Northern Iowa, Cedar Falls, IA 50613, and **David Fisher**, Department of Mathematics, Indiana University- Bloomington, Rawles Hall, Bloomington, IN 47401. *Harmonic Maps and the Rigidity of Discrete Groups*.

We use geometric analysis tools, particularly harmonic maps and forms, to study rigidity properties of discrete groups. We obtain geometric proofs of advanced properties of fundamental groups of Riemannian locally symmetric spaces. (Received August 05, 2007)