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Eduardo Martínez-Pedroza* (emartinez@math.mcmaster.ca) and **Daniel T. Wise** (daniel.wise@mcgill.ca). *Local Quasiconvexity of Groups acting on Small Cancellation Complexes.*

Given a group acting cellularly and cocompactly on a simply-connected 2-complex, we provide a criterion establishing that all finitely generated subgroups have quasiconvex orbits. This work generalizes the “perimeter method” of McCammond and Wise. As an application, we show that high-powered one-relator products $A * B / \langle\langle r^n \rangle\rangle$ are coherent if A and B are coherent. (Received September 09, 2010)