962-20-1395 **Christopher Hruska*** (chruska@math.cornell.edu), Mathematics Department, Malott Hall, Cornell University, Ithaca, NY 14853. *Quasiconvexity in nonpositively curved spaces with isolated flats.*

Let G act properly and cocompactly by isometries on a CAT(0) space X. A subgroup H is *quasiconvex* with respect to this action if an orbit Hx in X is quasiconvex. One problem with this notion is that, in general, the quasiconvexity of a subgroup depends on the choice of CAT(0) action. A CAT(0) 2-complex has *isolated flats* if its flat planes all stay away from each other in a certain precise sense. These complexes with isolated flats share many properties with Gromov's hyperbolic spaces which are not shared by general CAT(0) spaces. We show that if G acts on a CAT(0) 2-complex with isolated flats, then quasiconvexity of a subgroup H is independent of the choice of action in the following sense: **Theorem:** *Let G act properly and cocompactly on a* CAT(0) 2*-complex X with isolated flats. Suppose that G acts properly and cocompactly on another* CAT(0) 2*-complex Y. Then a subgroup H is quasiconvex relative to the first action if and only if it is quasiconvex relative to the second action.* (Received October 03, 2000)