1014-57-1353   **Katherine Byler Kelm*** (`kbyler@csufresno.edu`), Department of Mathematics, 5245 N. Backer Ave. M/S PB 108, Fresno, CA 93740-8001. *Pictures of the Second Homotopy Group of a Two-Complex.* Preliminary report.

A $[G, 2]$-*complex* is a finite, two-dimensional CW-complex with fundamental group isomorphic to G. A *spherical picture* is a diagram which represents an element of the second homotopy group $\pi_2(X)$ of a given $[G, 2]$-complex X, considered as a $\mathbb{Z}G$-module. We use pictures to establish generators of $\pi_2(X)$ for several families of two-dimensional CW-complexes X. (Received September 28, 2005)