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Luis C. Nuñez-Betancourt* (luisnub@umich.edu), 3068 East Hall, 530 Church St., Ann Arbor, MI 48104-1043. *On the hyperhomology of the small Gobelin for codimension 2*. Preliminary report.

The Gobelin and the small Gobelin are quasi-isomorphic complexes constructed from a commutative square of matrices over a ring. Using the small gobelin we exhibit patterns between its homology groups. This is joint work with Xavier Gomez-Mont. (Received April 08, 2010)