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**Chris Francisco\*** ([chris@math.okstate.edu](mailto:chris@math.okstate.edu)), Department of Mathematics, 401 MSCS, Oklahoma State University, Stillwater, OK 74078, and **Jeffrey Mermin** and **Jay Schweig**. *Some numerical results on decompositions of Betti diagrams*. Preliminary report.

We discuss the effect of multiplying an ideal by a form on the Boij-Söderberg decomposition. We also describe an alternative decomposition of Betti diagrams (with coefficients that are not always positive). (Received July 14, 2014)