1146-13-232　　　　**Courtney R Gibbons***, Hamilton College, Department of Mathematics, 198 College Hill Road, Clinton, NY 13323, and **Branden Stone** and **Robert Huben**. *Decomposing Betti diagrams of complete intersections.*

We introduce a recursive decomposition algorithm for the Betti diagram of a complete intersection using the diagram of a complete intersection defined by a subset of the original generators. This alternative algorithm is the main tool that we use to investigate stability and compatibility of the Boij-Soederberg decompositions of related diagrams; indeed, when the biggest generating degree is sufficiently large, the alternative algorithm produces the Boij-Soederberg decomposition. (Received January 23, 2019)