1057-13-422   **Jennifer Biermann*** (`jbiermann@math.cornell.edu`), 310 Malott Hall, Cornell University, Ithaca, NY 14853. *The edge ideal of the complement of a cycle.* Preliminary report.

We will describe a polytopal cell structure which supports the minimal free resolution of the edge ideal of the complement of an n-cycle for $n \geq 5$. (Received January 26, 2010)