1046-05-1712 **Ryan Bunge*** (`rc_bunge@hotmail.com`), **Saad El-Zanati** and **Charles Vanden Eynden**. *On γ-labeling almost-bipartite 2-regular graphs.*

An *almost-bipartite* graph G is a non-bipartite graph with an edge e such that $G - e$ is bipartite. Let G be a graph with n edges. In the mid 1960's Alex Rosa introduced certain labelings of G that yielded cyclic G-decompositions of K_{2n+1}. When G is bipartite, certain labelings of G yielded cyclic G-decompositions of K_{2nx+1} for every positive integer x. In 2004, Blinco et al introduced a labeling for almost-bipartite graphs G that yielded cyclic G-decompositions of K_{2nx+1}. We show that every 2-regular almost-bipartite graph other than C_3 and $C_3 \bigcup C_4$ admits a γ-labeling. (Received September 16, 2008)

1