1165-13-167   **Rachel N. Diethorn*** (`rachel.diethorn@yale.edu`). *Koszul homology of quotients by edge ideals.*

We show that the Koszul homology algebra of a quotient by the edge ideal of a forest is generated by the lowest linear strand. This provides an answer to a question of Avramov about the Koszul homology algebra of a Koszul algebra. We also recover a result of Roth and Van Tuyl on the graded Betti numbers of quotients by edge ideals of trees. (Received January 17, 2021)