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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, for such rings, to a question of Avramov about the Koszul homology algebra of Koszul algebras. We also recover a result of Roth and Van Tuyl on the graded Betti numbers of quotients of edge ideals of trees.