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Ali Alilooee* (aalilooee@fsmail.bradley.edu) and **Arindam Banerjee**. *Packing properties of cubic squarefree monomial ideals.*

The symbolic powers, in general, are not equal to the ordinary powers. Therefore, one interesting question here is for what classes of ideals ordinary and symbolic powers coincide? The answer to this question for squarefree monomial ideals may be packing property. In this paper, we classify all cubic path ideals for those the symbolic and ordinary powers that coincide. We find a criterion to see when the second symbolic and ordinary powers of the edge ideal of a 3-partite hypergraph are equal. Also, we give the formula to compute the Waldschmidt constant of the path ideals of a cycle. (Received August 04, 2020)