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*Bridging Calculus and Discrete Math via the Discrete Derivative.*

Most mathematics majors take Calculus and Discrete Mathematics early in their college careers and often consider them disjoint. Although well known among mathematicians, the discrete derivative often does not appear in either course. By making this exclusion we miss an opportunity to emphasize the connections among mathematical disciplines. In this talk we present the discrete derivative as it could appear in a Discrete Math class and illustrate the parallels with the derivative studied in Calculus. Lastly, we give examples where this tool can be used to solve discrete problems and discuss the benefits of adding this topic to your discrete math course. (Received September 08, 2016)