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**Trenton F Schirmer\*** ([trenton.schirmer@uga.edu](mailto:trenton.schirmer@uga.edu)). *Calculating the intersection form from a trisection diagram*. Preliminary report.

I will explain how to calculate the intersection form of a trisected 4-manifold using the triple of algebraic intersection matrices associated with any given diagram of the trisection, and discuss the extent to which this triple of intersection matrices can be simplified. This is joint work with Peter Feller, Michael Klug, and Drew Zemke. (Received February 19, 2018)